CP

UTAH OIL AND GAS CONSERVATION COMMISSION

N

REMARKS: WELL LOG _____ ELECTRIC LOGS ✓ X WATER SANDS _____ LOCATION INSPECTED ● SUB. REPORT/abd. _____

94 0101 Commenced Injection eff. 4-19-94

DATE FILED 10-24-83

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-16535 INDIAN

DRILLING APPROVED: 10-28-83 - OIL

SPUDDED IN: 2-28-84

COMPLETED: 4-19-84 POW PUT TO PRODUCING: 4-19-84

INITIAL PRODUCTION: 35 BOPD, 139 MCF

GRAVITY A.P.I. 34°

GOR: 3963/1

PRODUCING ZONES: 5024-5043' Green River (GRRV)

TOTAL DEPTH: 6400'

WELL ELEVATION: 5600' GR

DATE ABANDONED:

FIELD: ~~UNDESIGNATED~~ Monument Butte

UNIT:

COUNTY: DUCHESNE

WELL NO. MONUMENT FEDERAL 8-34 API #43-013-30843

LOCATION 2059' FNL FT. FROM (N) (S) LINE. 701' FEL FT. FROM (E) (W) LINE SENE 1/4 — 1/4 SEC. 34

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				8S	16E	34	LOMAX EXPLORATION

QUATERNARY
Alluvium
Lake beds
Pleistocene
Lake beds
TERTIARY
Pliocene
Salt Lake
Oligocene
Norwood
Eocene
Duchesne River
Uinta
Bridger
Green River
Garden Gulch 4600'
Douglas Creek 5021'
Black S F 5944'

Wasatch
Stone Cabin
Colton
Flagstaff
North Horn
Almy
Paleocene
Current Creek
North Horn
CRETACEOUS
Montana
Mesaverde
Price River
Blackhawk

Star Point
Wahweap
Masuk
Colorado
Sego
Buck Tongue
Castlegate
Mancos
Upper
Middle
Lower
Emery
Blue Gate
Ferron
Frontier
Dakota
Burro Canyon
Cedar Mountain
Buckhorn
JURASSIC
Morrison
Salt Wash
San Rafeal Gr.
Summerville
Bluff Sandstone
Curtis
Entrada
Moab Tongue
Carmel
Glen Canyon Gr.
Navajo
Kayenta
Wingate
TRIASSIC

Chinle
Shinarump
Moenkopi
Sinbad
PERMIAN
Kaibab
Coconino
Cutler
Hoskinnini
DeChelly
White Rim
Organ Rock
Cedar Mesa
Halgaite Tongue
Phosphoria
Park City
Rico (Goodridge)
Supai
Wolfcamp
CARBONIFEROUS
Pennsylvanian
Oquirrh
Weber
Morgan
Hermosa

Pardox
Ismay
Desert Creek
Akah
Barker Creek

Cane Creek

Molas
Manning Canyon
Mississippian
Humbug
Brazer
Pilot Shale
Madison
Leadville
Redwall
DEVONIAN
Upper
Middle
Lower
Ouray
Elbert
McCracken
Aneth
Simonson Dolomite
Sevy Dolomite
North Point
SILURIAN
Laketown Dolomite
ORDOVICIAN
Eureka Quartzite
Pogonip Limestone
CAMBRIAN
Lynch
Bowman
Tapeats
Ophir
Tintic
PRE - CAMBRIAN

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DIVISION OF

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Monument Federal

9. WELL NO.: 8-34

10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED ~~Monument Butte~~

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 34, T8S, R16E

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Lomax Exploration Company

3. ADDRESS OF OPERATOR: P.O. Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 701' FEL & 2059' FNL SE/NE

At proposed prod. zone:

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 11 miles South of Myton, Utah

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 2024

16. NO. OF ACRES IN LEASE: 1280 ✓

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40 ✓

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1321

19. PROPOSED DEPTH: 5700 WASATCH

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5600' GR

22. APPROX. DATE WORK WILL START*: January, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED G. L. Pruitt TITLE V.P. Drilling & Production DATE 10/21/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

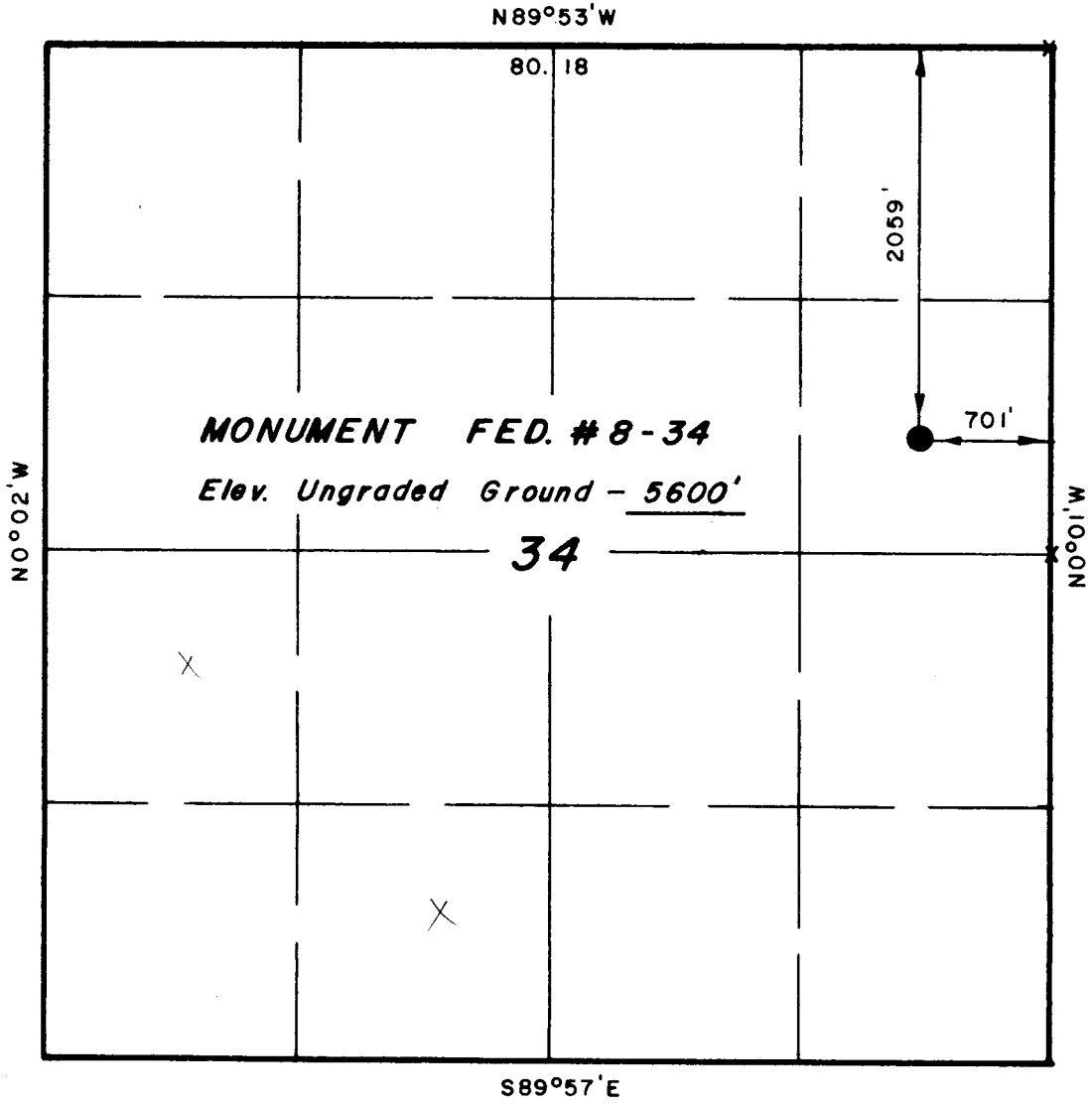
10-25-83
M

PROJECT

LOMAX EXPLORATION

Well location, *MONUMENT FED. #8-34*, located as shown in the SE1/4 NE1/4 Section 34, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

T 8 S, R 16 E, S.L.B.&M.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert A. Kay

REGISTERED LAND SURVEYOR
REGISTRATION Nº 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10/17/83
PARTY R.K. J.F. S.B.	REFERENCES GLO Plat
WEATHER Cool	FILE LOMAX

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY
Monument Federal #8-34
SE/NE Section 34, T8S, R16E
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 - 3050
Green River	3050
Wasatch	6090 ✓

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River	5000 -	Oil

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55, 17#; set at TD
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

LOMAX EXPLORATION COMPANY
Monument Federal #8-34
SE/NE Section 34, T8S, R16E
Duchesne County, Utah

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H_2S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately January, 1984.

LOMAX EXPLORATION

13 Point Surface Use Plan

For

Well Location

Monument Federal #8-34

Located In

Section 34, T8S, R16E, S.L.B.& M.

Duchesne County, Utah

LOMAX EXPLORATION
Monument Federal #8-34
Section 34, T8S, R16E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Monument Federal #8-34, located in the SE 1/4 NE 1/4 Section 34, T8S, R16E, S.L.B.& M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 1.6 miles to the Junction of this Highway and Utah State Highway 53; proceed Southerly direction along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 4.7 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 2.9 miles to its junction with an existing dirt road to the Southeast; proceed Southeasterly along this road 0.5 miles to the beginning of the proposed access road to be discussed in item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to a point 4.5 miles South on Highway 216; thereafter the roads are constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in, and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the SE 1/4 NE 1/4 Section 34, T8S, R16E, S.L.B.& M., and proceeds in a Easterly direction approximately 100' ± to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

There will be no turnouts required along this road.

3. LOCATION OF EXISTING WELLS

There are seven known existing producing wells within a one mile radius of this location site. (See Topographic Map "B").

There are no known water wells, abandoned wells, injection wells, monitoring or observation wells for other resources within a one-mile radius of this location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are eight existing LOMAX EXPLORATION wells within a one mile radius of this location site.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehibilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck from a private water source that is indicated on Topo. Map "A".

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none forseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause comtamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, it shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 23 miles to the South of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegatation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti, on the upper benches with cottonwoods, beach, willows, Russian Olives, and grasses along the lower levels close to the wet areas and streams.

The fauna of the area consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic livestock.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Monument Federal #8-34 is located approximately 3.0 miles North of Caslte Peak Draw, and 1.0 miles Southeast of Wells Draw, non-pernennial drainages which runs to the North East, and drain into the Green River.

The terrain in the vicinity of the location slopes from the South through the location site to the North at approximately 5% grade.

The vegetation in the immediate area surrounding the location site consists of sparce amounts of sagebrush and grassed, with large areas devoid of vegetation.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

There are no historical, or cultural sites within any reasonable proximity of the proposed location site.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

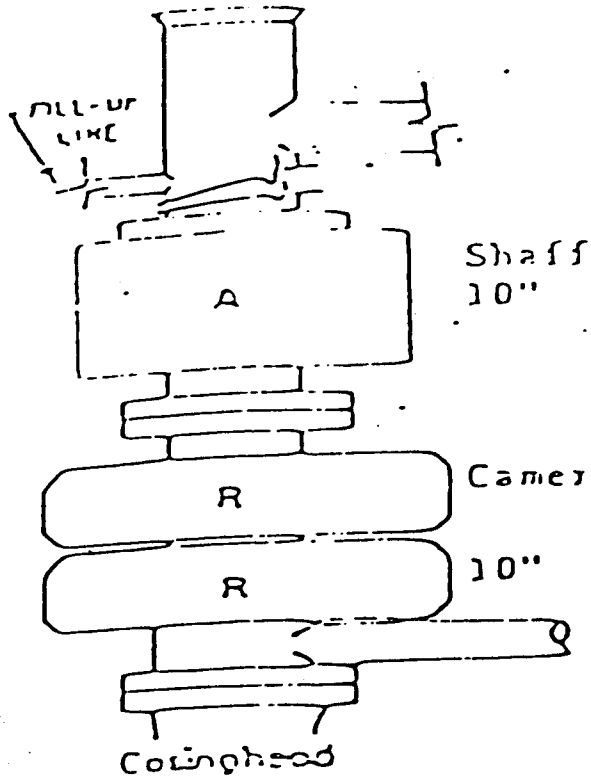
Jack Pruitt
LOMAX EXPLORATION
P.O. Box 4503
Houston, TX 77210-4503
1-713-931-9276

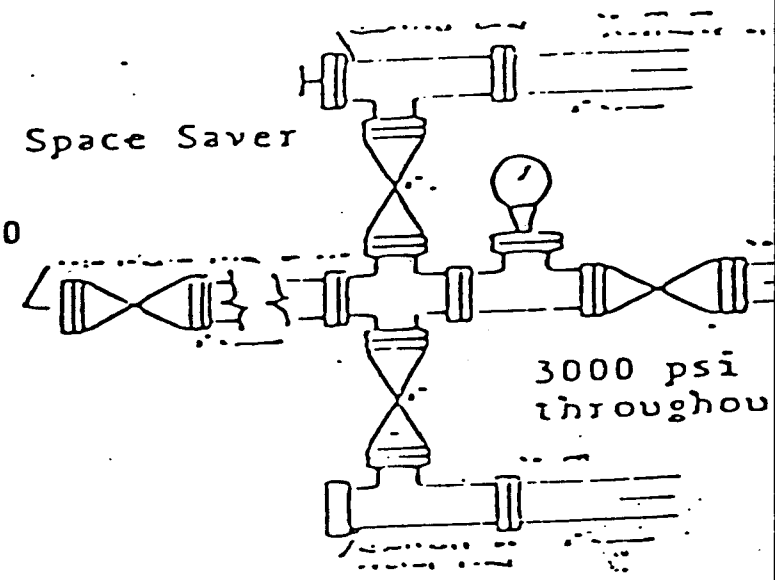
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/21/83
Date

Jack Pruitt

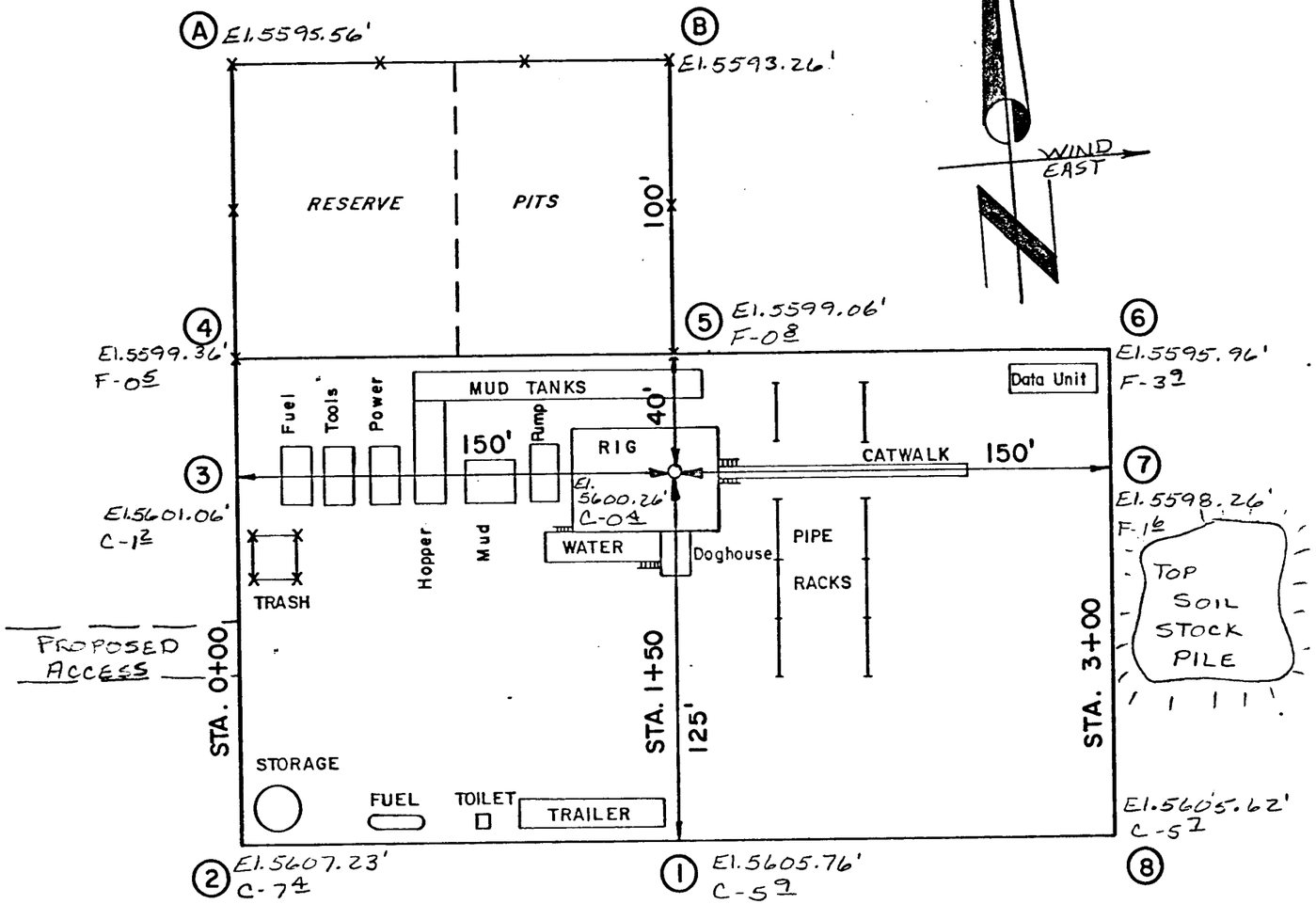

fill-up line
A
Shaffer Spherical
10" 900
R
Cameron Space Saver
R
10" 900
Cowghead


3000 psi
throughou

LOMAX EXPLORATION CO.

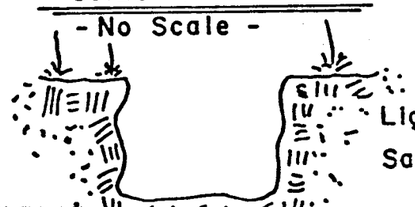
MONUMENT FED. #8-34

LOCATION LAYOUT & CUT SHEET



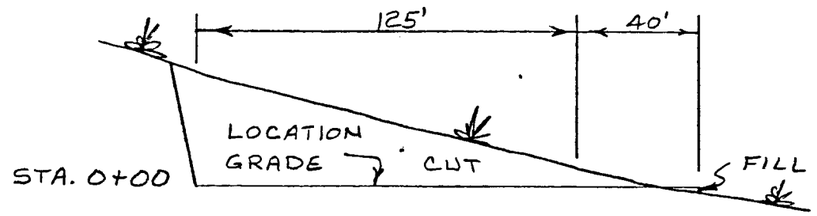
SOILS LITHOLOGY

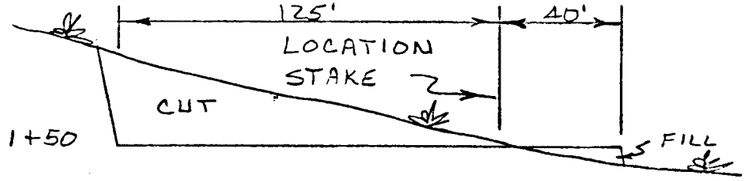
- No Scale -

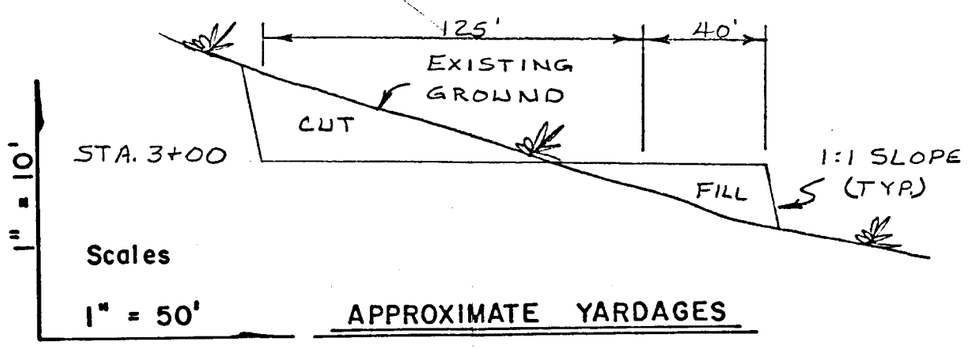


Light Brown Sandy Clay

CROSS SECTIONS







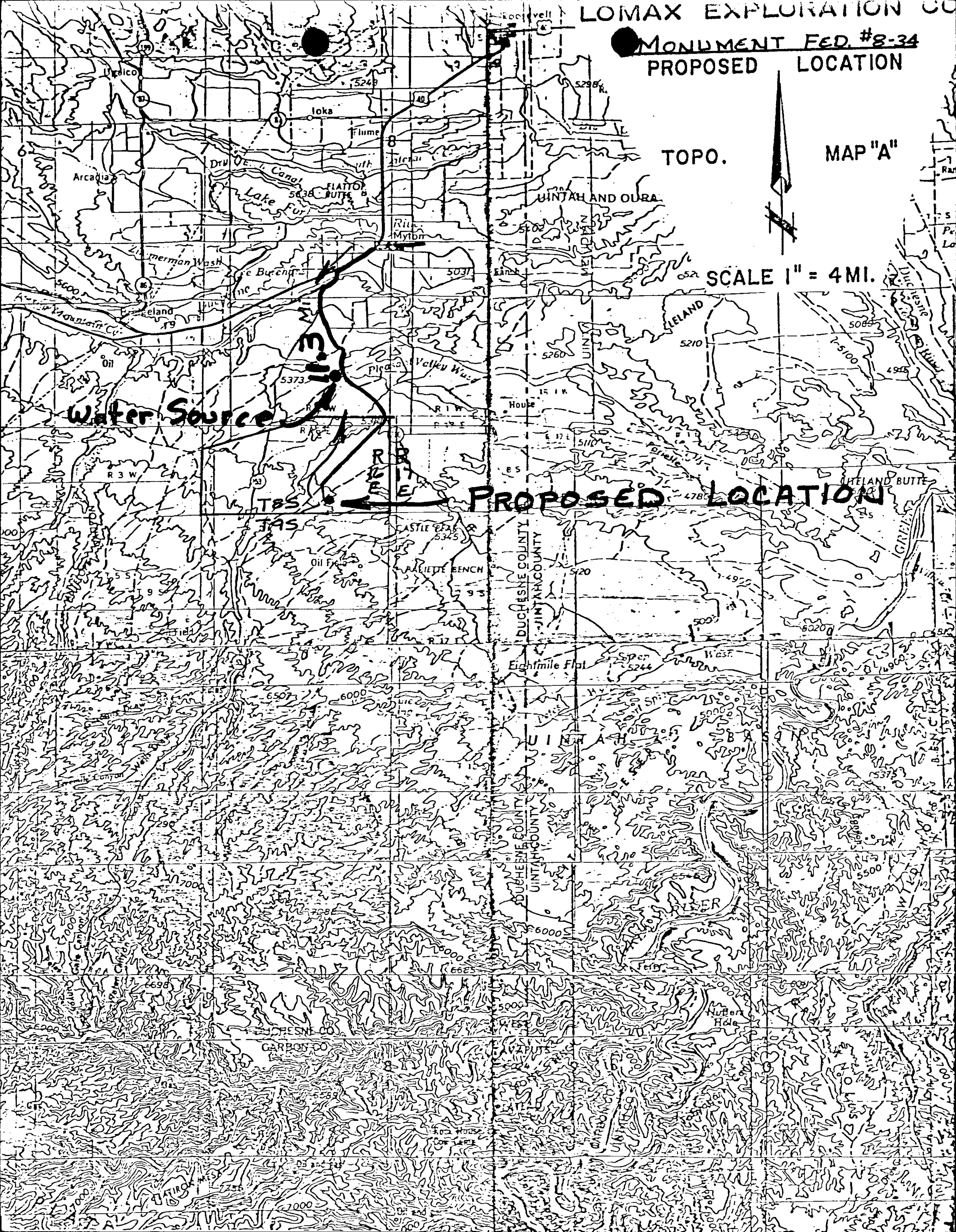
Scales

1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut - 4,880

Cubic Yards Fill - 493


LOMAX EXPLORATION CO
MONUMENT FED. #8-34
PROPOSED LOCATION
TOPO. MAP "A"
SCALE 1" = 4 MI.
Water Source
PROPOSED LOCATION
Roosevelt
Ioka
Flume
Arcadia
Lake Fork
FLATTOP BUTTE
UINTAH AND OURAY
Myton
Zimmerman Wash
Bridgeland
Pleasant Valley Wash
LELAND
T8S
T9S
CASTLE PEAK
PARIETTE BENCH
Oil Field
DUCHESNE COUNTY
UINTAH COUNTY
Eightmile Flat
UINTAH BASIN
LELAND BUTTE
DUCHESNE CO
CARBON CO

LOMAX EXPLORATION CO.

MONUMENT FED. 5-34

PROPOSED LOCATION

TOPO. MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface ———— Unimproved road fair or dry weather =========

UTAH

QUADRANGLE LOCATION

MYTON - 7.9 MILES

2.9 MILES

0.65 Mi.±

PROPOSED ACCESS ROAD 100' ±

T8S

T9S

PROPOSED LOCATION

PROPOSED ACCESS ROAD 100' ±

T8S
T9S

PROPOSED LOCATION
MONUMENT FED. #8-34

0.5 Mi. ±

MONUMENT BUTTE
OIL FIELD

LOMAX EXPLORATION COMPANY

October 21, 1983

RECEIVED
OCT 25 1983
DIVISION OF
OIL, GAS & MINING

Chief, Branch of Fluid Minerals,
Utah State Office, B.L.M.
136 East South Temple
Salt Lake City, Utah 84111

Lomax Exploration Company
APD/NTL-6 Transmittal

Gentlemen:

Enclosed are APD/NTL-6's for the following wells:

Monument Federal #8-34, SE/NE S34, T8S, R16E, Duchesne County

Pariette Ute Tribal #9-34, NE/SE S34, T4S, R2E, Uintah County

It is requested that a copy of the approval be mailed to Lomax's Roosevelt office at P.O. Box 1446, Roosevelt, Utah 84066.

Please advise if you need additional information.

Very truly yours,

Michele Tisdel

Michele Tisdel
Sec., V.P. Drilling & Production

MT
Enclosures (8)

cc: State of Utah
Division of Oil and Gas
4241 State Office Building
Salt Lake City, Utah 84114

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

District Office: 248 North Union • Roosevelt, Utah 84066
Mailing Address: P.O. Box 1446 •Roosevelt, Utah 84066

OPERATOR Lomax Exploration DATE 10-26-83

WELL NAME Monument Fed 8-34

SEC SE NE 34 T 8S R 16E COUNTY Duchesne

43-013-30843
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX ☐ MAP ☐ HL

☐ NID ☐ ☐ PI

PROCESSING COMMENTS:

NO OIL WELLS WITHIN 1000'

WATER PERMIT # 57707 (47-1675)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10-28-83
BY:

CHIEF PETROLEUM ENGINEER REVIEW:

10/28/83

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☐ c-3-a _____ CAUSE NO. & DATE

☒ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:

[✓] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

[✓] AUTHENTICATE LEASE AND OPERATOR INFORMATION

[✓] VERIFY ADEQUATE AND PROPER BONDING FED

[✓] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

[ ] APPLY SPACING CONSIDERATION

- [ ] ORDER NO
- [ ] UNIT NO
- [X] c-3-b
- [ ] c-3-c

[✓] CHECK DISTANCE TO NEAREST WELL.

[✓] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

[✓] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

[✓] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

October 28, 1983

Lomax Exploration Company
P. O. Box 4503
Houston, Texas 77210

RE: Well No. Monument Fed. 8-34
SENE Sec. 34, T. 8S, R. 16E
2059' FNL, 701' FEL
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30843.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Encl.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

CAJ

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Lomax Exploration Company

3. ADDRESS OF OPERATOR: P.O. Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 701' FEL & 2059' FNL SE/NE
At proposed prod. zone:

5. LEASE DESIGNATION AND SERIAL NO.: U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Monument Federal

9. WELL NO.: 8-34

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 34, T8S, R16E

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 11 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 2024

16. NO. OF ACRES IN LEASE: 1280

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1321

19. PROPOSED DEPTH: 5700

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5600' GR

22. APPROX. DATE WORK WILL START*: January, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required

RECEIVED
NOV 18 1983
DIVISION OF
OIL, GAS & MINING

RECEIVED
NOV 1983
DIVISION OF OIL, GAS & MINING
Vernal, Utah

RECEIVED
1983 OCT 25 AM 8:53
BUREAU OF LAND MANAGEMENT
MOAB, UTAH

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED G. L. Pruitt TITLE V.P. Drilling & Production DATE 10/21/83

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DISTRICT MANAGER DATE 11/17/83

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

State Oil & Gas

NOTICE OF SPUDDING OF GAS WELL SUBJECT TO NTL 4-A DATED 1/1/80

NOS _____

APD 10/31/83

Company Lomax Exploration

Well Mon. Butte 8-34

Section 34 T 8S R 16E

Lease U-16535

Onsite Date 11/3/83

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
RECLAMATION PROCEDURES

CONSTRUCTION

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development".

2. The maximum width of access roads will be 30 feet total disturbed area.

3. Topsoil will be stockpiled. The top 6-10 inches of topsoil material will be removed from the location and stockpiled on the south end of the location.

4. Burning will not be allowed. All trash must be contained and hauled to the nearest sanitary land fill.

5. The reserve pit will not be lined with native clay, commercial bentonite, or plastic sufficient to prevent seepage.

6. Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

7. The operator or his contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public land.

8. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

9. A cultural resource clearance is required before any construction begins. No clearance has been granted by Grand River Consultants.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be hauled to a local sanitary land fill.

2. The operator or his contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 48 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.

3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all trash (cans, barrels, pipe, etc.) must be removed.

4. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.

5. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some such implement will be dragged over the seeded area to assure seed coverage.

6. The access will be blocked to prevent any vehicle use.

7. If any cultural resources are found during construction, all work will stop and the BLM will be notified.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.

2. All permanent [on site for six (6) months duration or longer] structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match the standard environmental colors, Rocky Mountain 5 State Interagency Committee. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

SPECIAL STIPULATIONS

1. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uintah Basin.)

United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

March 31, 1980

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement metal baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe using 150 percent of the calculated volume of cement to fill annulus back to base of lower aquifer.

2. Place 1st stage collar (with metal basket immediately below) at a selected point in the lower one third of the oil shale zone using 120% of calculated volume of cement to be at least 600 feet above the stage collar or 100 feet below the top of the oil shale.

3. Place 2nd stage collar (with metal petal basket immediately below) 50 feet above the top of the top aquifer and cement using 150% volume of cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify that U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

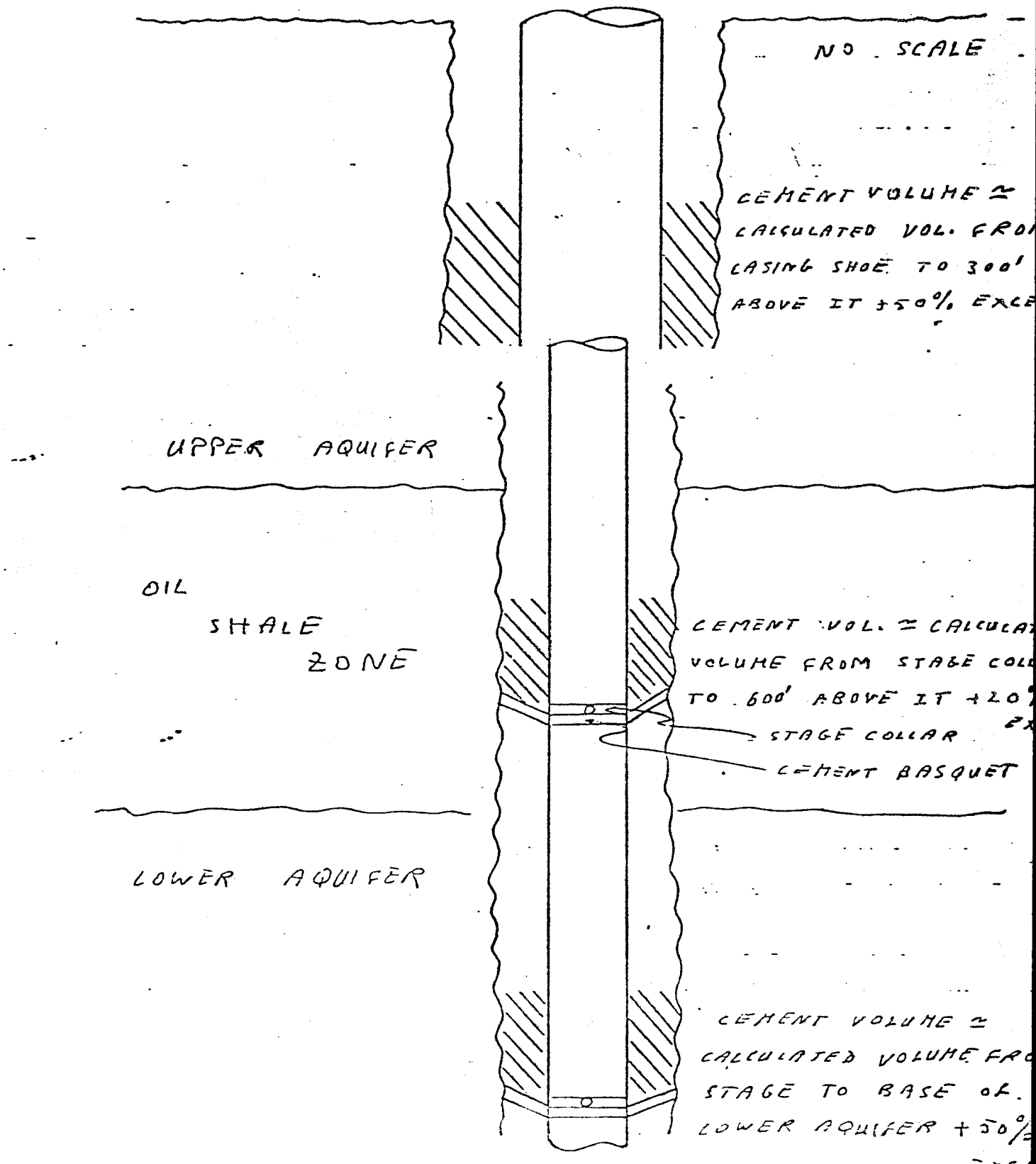
1. Schematic of the required casing and cementing program.

2. Cross section of the Uinta Basin.

AMR/kr

PARTIAL CASING AND CEMENTING PROGRAM FOR WELLS IN THE UINTA BASIN

CEMENT TO BE PLACED ALONG LOW PERMEABILITY SECTIONS



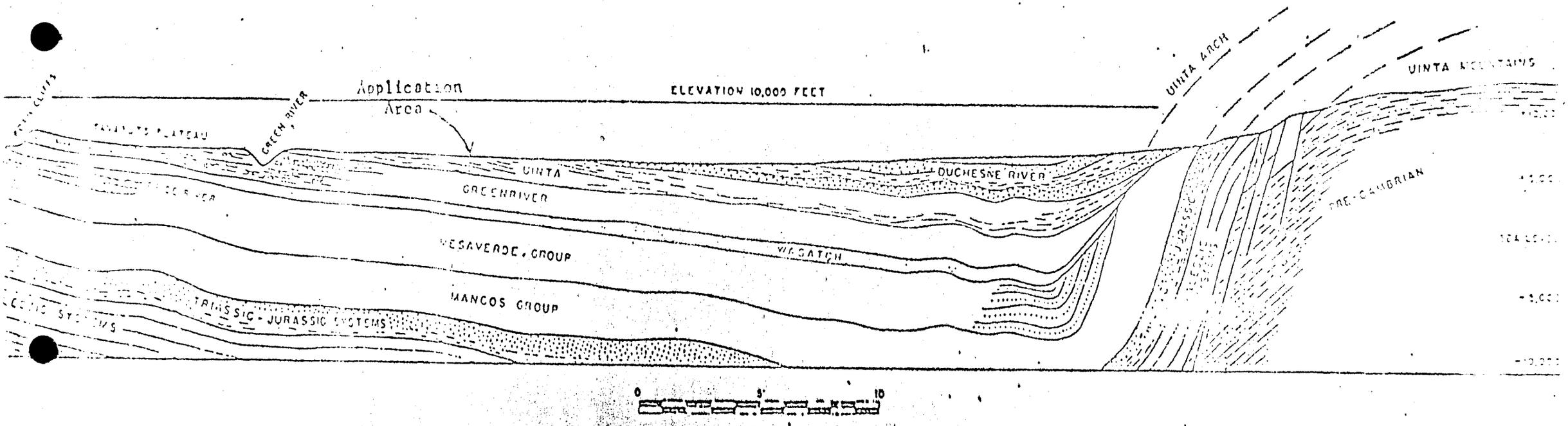


Figure 5a- Cross-section of the Uinta Basin generallizing the stratigraphic and structural framework of the rock section of interest in the application area.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LOMAX EXPLORATION

WELL NAME: MONUMENT FED. 8-34

SECTION SENE 34 TOWNSHIP 8S RANGE 16E COUNTY DUCHESNE

DRILLING CONTRACTOR TWT

RIG # 56

SPUDDED: DATE 2-28-84

TIME 11:00 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Michelle

TELEPHONE # 713-931-9276

DATE 3-1-84 SIGNED AS

Form 9–331
Dec. 1973

Form Approved.
Budget Bureau No. 42–R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Lomax Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 701' FEL & 2059' FNL SE/NE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
8-34

10. FIELD OR WILDCAT NAME
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 34, T8S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30843

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5600' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other) SPUD NOTIFICATION		

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/23/84 Drilled 13" surface hole with dryhole digger. Set 8 5/8" 24# j-55 casing @ 279' GL. Cemented with 210 sx cl "G" + 2% CaCl + 1/4#/sx flocele. Returns to surface.

2/28/84 Spud with TWT Rig #56 @ 11:00 P.M.

Subsurface Safety Valve: Manu. and Type ..... Set @ ..... Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Michelle Ballard G.L. Pruitt TITLE V.P. Drlg. & Prod. DATE 3/6/84

(This space for Federal or State office use)

APPROVED BY ..... TITLE ..... DATE .....
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

LOMAX
EXPLORATION
COMPANY

RECEIVED

MAY 2 1 1984

DIVISION OF OIL
GAS & MINING

May 17, 1984

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Monument Federal #8-34
SE/NE Sec 34, T8S, R16E
Duchesne County, Utah
Lease U-16535
Well Completion Report & Log

Gentlemen:

Please find enclosed the original and a copy of the Well Completion Report on the subject well.

Please also find enclosed the logs required:

(1) Cement Bond Log
(2) Compensated Density/Compensated Neutron Log
(3) Dual Laterlog

If further information is required, please advise.

Yours very truly,

Janice A. Hertfelder
Secretary/V.P.,Drilling & Production

JAH/
Enclosures - 5

cc: State of Utah
Division of Oil & Gas
4241 State Office Building
Salt Lake City, Utah 84114

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

District Office: West Pole Line Road • Roosevelt, Utah 84066
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

Form 3160-4
(November 1983)
(formerly 9-330)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U - 16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Monument Federal

9. WELL NO.: #8-34

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 34, T8S, R16E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Lomax Exploration Company

RECEIVED
MAY 21 1984
DIVISION OF OIL GAS & MINING

3. ADDRESS OF OPERATOR: P.O. Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 701' FEL & 2059' FNL SE/NE
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-30843	10/28/83	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-28-84	3-8-84	4-19-84	5600' GR	5600'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6400'	5610'	----	→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Green River 5024-43'

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL-MSPL, CDL-CNL, CBL-GR

27. WAS WELL CORED: NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	279' GL	13"	210 sx. Class "G" & 2% CaCl & 1/4#/sk flocele	
5 1/2"	17#	6388' KB	7 7/8"	150 sx HiFill & 3.25 sx Gypseal	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5134'	

31. PERFORATION RECORD (*Interval, size and number*)

6219-36' (1 SPF)
5024-38'
5040-43 (1 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6219'-36'	3000 gals KCL water & clay stabilizer.
5024'-43'	27,500 gal. Gelled KCL water & 89,500# 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
4/19/84	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-3-84	24	Open		35	139	0	3963

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	0		35	139	0	34

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sold and used for fuel.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED G.L. Pruitt TITLE V.P., Drilling & Production DATE May 16, 1984

***(See Instructions and Spaces for Additional Data on Reverse Side)**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

8

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Garden Gulch	4600'	4632'	
Douglas Creek	5021'	5046'	
Black Shale Facies	5944'	5962'	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River Fm	1790'	
Garden Gulch	3994'	
Douglas Creek	4997'	
Black Shale Facies	5756'	
Basal Green River	6308'	

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT —" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Lomax Exploration Company

8. FARM OR LEASE NAME: N/A

3. ADDRESS OF OPERATOR: 50 W. Broadway, Suite 1000, Salt Lake City, UT 84101

9. WELL NO.: See attached sheet.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: See attached sheet.

10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 34 & 35, 8S-16E

14. PERMIT NO.: See attached sheet.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): See attached sheet.

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Construct gas gathering system	[X]			(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Construct a gas gathering system for the subject wells. The system will consist of an 8" main line and 3" feeder lines from each of the subject wells to the main line. The 8" main line will transport the associated casinghead gas from the subject wells off lease to a compressor/processing plant and sales point in Section 36, T8S-R16E. The entire system will be buried. A 3" fuel gas line will also be buried in the same ditch. Initial volumes of gas to be transported will be approximately 610 MCFD. A 4" surface line will also be built on the subject lease. Such 4" surface line will transport gas from other Lomax wells located off lease across the lease to the sales point in Section 36, T8S-R16E. Construction will begin upon receipt of approval. See attached plat.

RECEIVED
MAY 29 1984
DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED: David D. Perkins TITLE: District Landman DATE: May 16, 1984

(This space for Federal or State office use)

APPROVED BY: TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Attached to that certain Sundry Notice dated May 16, 1984 for the Monument Butte Federal #1-34, #8-34, #1-35, #2-35, #3-35, #4-35, #5-35, #6-35, # 10-35, #12-35, #13-35, & #14-35 Wells on Lease U-16535.

Item 4. - Location of wells:

#1-34 - 739' FNL, 758' FEL, Section 34, T8S, R16E
#8-34 - 2059' FNL, 701' FEL, Section 34, T8S-R16E
#1-35 - 506' FSL, 528' FEL, Section 35, T8S-R16E
#2-35 - 2090' FSL, 660' FEL, Section 35, T8S-R16E
#3-35 - 660' FNL, 1980' FWL, Section 35, T8S-R16E
#4-35 - 1836' FSL, 1883' FWL, Section 35, T8S-R16E
#5-35 - 2042' FNL, 661' FWL, Section 35, T8S-R16E
#6-35 - 1831' FNL, 1968' FWL, Section 35, T8S-R16E
#10-35 - 1825' FSL, 2137' FEL, Section 35, T8S-R16E
#12-35 - 1839' FSL, 779' FWL, Section 35, T8S-R16E
#13-35 - 640' FSL, 592' FWL, Section 35, T8S-R16E
#14-35 - 511' FSL, 2134' FWL, Section 35, T8S-R16E

Item 9. - Well No.:

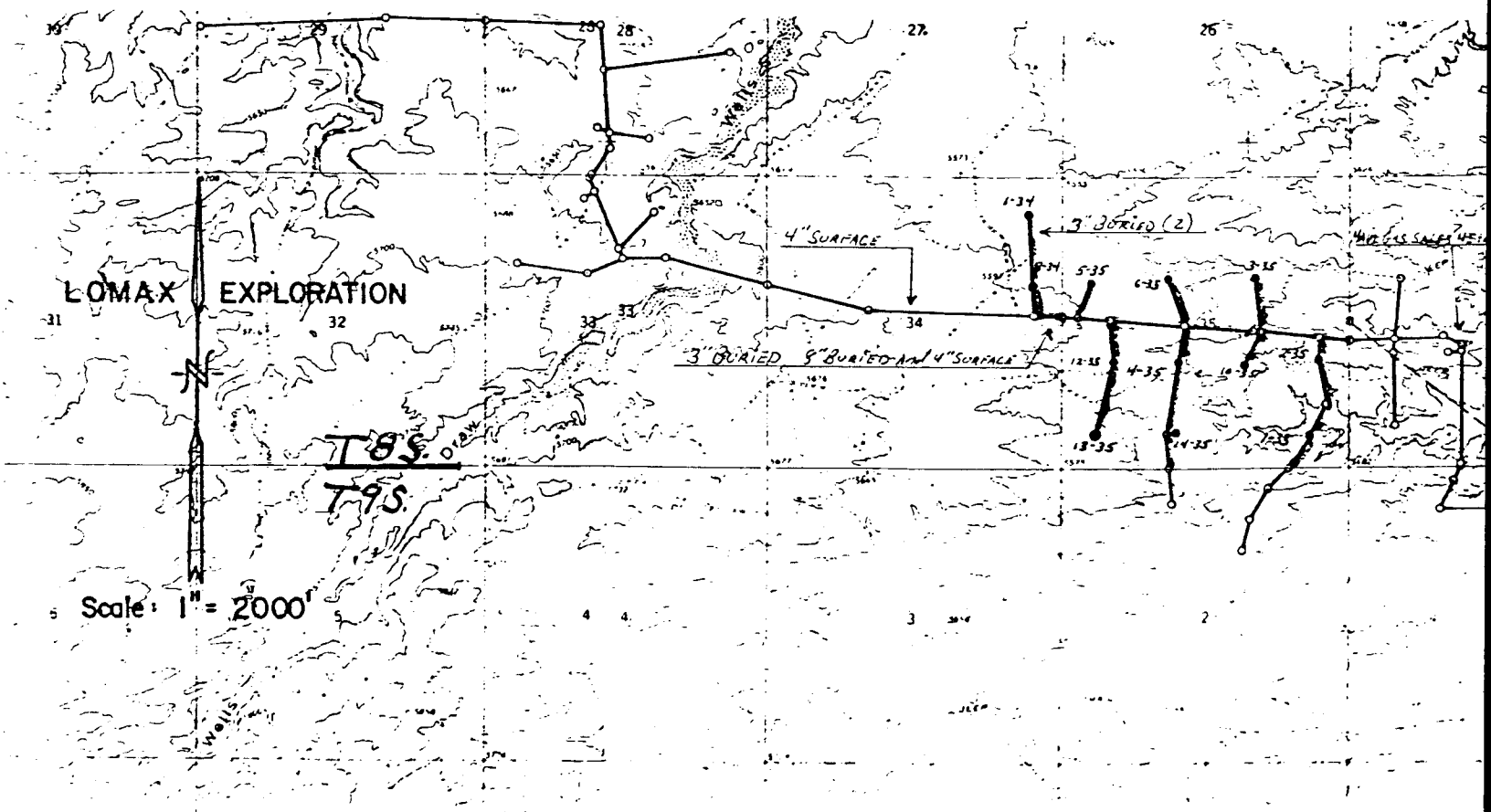
Federal #1-34
Federal #8-34
Federal #1-35
Federal #2-35
Federal #3-35
Federal #4-35
Federal #5-35
Federal #6-35
Federal #10-35
Federal #12-35
Federal #13-35
Federal #14-35

Item 14. - Permit No.:

#1-34 - 43013-30808
#8-34 - 43013-30843
#1-35 - 43013-30561
#2-35 - 43013-30606
#3-35 - 43013-31381
#4-35 - 43013-30605
#5-35 - 43013-30686
#6-35 - 43013-30751
#10-35 - 43013-30801
#12-35 - 43013-30744
#13-35 - 43013-30745
#14-35 - 43013-30812

Item 15. - Elevations:

#1-34 - 5585 GR
#8-34 - 5600 GR
#1-35 - 5482 GR
#2-35 - 5515 GR
#3-35 - 4830 GR
#4-35 - 5565 GR
#5-35 - 5584 GR
#6-35 - 5562 GR
#10-35 - 5534 GR
#12-35 - 5580 GR
#13-35 - 5586 GR
#14-35 - 5524 GR


LOMAX EXPLORATION
T 8 S.
R 18 W
T 9 S.
Scale: 1" = 2000'
4" SURFACE
3" BURIED (2)
3" BURIED 8" BURIED AND 4" SURFACE
1-34
5-35
6-35
4-35
12-35
13-35
14-35
26
27
28
33
34
31
32
5
4
3
2

LOMAX
EXPLORATION
COMPANY

May 29, 1984

Mr. Ron Firth
State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Monument Federal #8-34
SE NE Sec 34, T8S, R16E
Duchesne County, Utah

Gentlemen:

Pursuant to Rule C-27 as stated in the Oil & Gas Conservation General Rules and Regulations, we conducted a seventy-two (72) hour test on the subject well May 18-20, 1984.

The results were as follows:

26 BOPD
91 MCFD
3500 GDR

This well is within the area of our Monument Butte pipeline however the pipeline is handling maximum capacity. We are currently in the process of upgrading the pipeline and expect to have this well tied in by August 1, 1984. We plan to continue to produce the well and flare the associated gas until that time.

Yours very truly,

G.L. Pruitt
V.P., Drilling & Production

GLP/jwh

RECEIVED
JUN 4 1984
DIVISION OF OIL
GAS & MINING

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

District Office: West Pole Line Road • Roosevelt, Utah 84066
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
FEB 19 1991
OIL, GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: 83688U6800
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Monument Butte
8. FARM OR LEASE NAME:
9. WELL NO.: #8-34
10. FIELD AND POOL, OR WILDCAT: Monument Butte
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 34, T8S, R16E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other
b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other Perforate

2. NAME OF OPERATOR: Lomax Exploration
3. ADDRESS OF OPERATOR: P.O. Box 1446 Roosevelt, Utah 84066
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 701' FEL & 2059' FNL SE/NE
At top prod. interval reported below
At total depth

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-013-30843	10/28/83	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod. or Plug & Abd.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)	19. ELEV. CASINGHEAD
2/28/84	3/8/84	10/14/90	5600'GR	5600'

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6350'	5610'		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): Green River 5024'- 43'
25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: None
27. WAS WELL CORED YES [ ] NO [X] (Submit analysis)
DRILL STEM TEST YES [ ] NO [X] (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	279'	13"	210sx cl "G" + 2% CaCl + ¼sx flocele	
5 1/2"	17#	6388'	7 7/8"	150sx HiFill + 3½sx Gypseal	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5134'	

31. PERFORATION RECORD (Interval, size and number)
5024'-38' 3 add. spf
5040'-43' 3 add. spf
6219'-36' 1 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5024'-43'	1500 gals. 15% HCl acid w/ nitrogen

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/14/90	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/18/90	70			230	73	70	317

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			79	25	24	34.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold & used for fuel
TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Mildred Kebrdges by TITLE Production Secretary DATE 2/15/91

See Spaces for Additional Data on Reverse Side

(3/89)

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producinginterval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.
Garden Gulch	4600'	4632'	
Douglas Creek	5021'	5046'	
Blk Shale Fac	5944'	5962'	

38. GEOLOGIC MARKERS

Name	Top Meas. Depth	Top True Vert.Depth
Green River	1790'	
Garden Gulch	3994'	
Douglas Creek	4997'	
Blk Shale Fac.	5756'	
Basal Green River	6308'	

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

Lomax

February 13, 1991

RECEIVED
FEB 19 1991
DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

RE: Monument Butte Federal #8-34
Sec. 34, T8S, R16E SE/NE
Duchesne Co. Utah
Monument Butte Green River "D"
Unit #83688U6800

Dear Sir:

Please find enclosed the Well Recompletion Report for the above mentioned well.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

Kebbie Jones

Kebbie Jones
Production Secretary

Enclosures

/kj

RECEIVED

APR 1 5 1993

DIVISION OF OIL GAS & MINING

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-16535 Unit #83688U680C

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation: Monument Butte (Green River "D") Unit

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Monument Federal #8-34

2. Name of Operator: LOMAX EXPLORATION COMPANY 801-722-5103

9. API Well No.: 43-013-30843

3. Address and Telephone No.: P.O. Box 1446, Roosevelt, UT 84066

10. Field and Pool, or Exploratory Area: Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 701' FEL 2059' FNL SE/NE Section 34, T8S, R16E

11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[X] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lomax Exploration Company reports that produced water from the above referenced location is being produced into a water tank and hauled to our water injection station at the #5-35 located in Section 35, T8S, R16E, Duchesne County or to the approved disposal facilities of Hansen Disposal or RNI.

However, Lomax requests approval for a pit 15' x 15' to drain water into that inadvertently goes to the oil tank and needs to be drained off. The amount of water drained will not exceed 5 bbls /day.

RECEIVED
APR 26 1993
DIVISION OF
OIL GAS & MINING

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 4-30-93
By:

14. I hereby certify that the foregoing is true and correct

Signed Brad Mecham Title Regional Production Manager Date 4/8/93

(This space for Federal or State office use)

Approved by Federal Approval of this Action is Necessary Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

Lomax

April 8, 1993

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
Attention: Ed Forsman

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Monument Federal #8-34
Monument Federal #10-34
Monument Federal #8-35
Sec. 34 & 35, T8S, R16E
Monument Butte (Green River "D")
Unit, Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" reports to dispose of produced water for the above referenced locations.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

Lucy Nemec
Engineering Secretary

\LAN
GOVT\WTRFDSN.LTR

Enclosures

LOMAX EXPLORATION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

MONUMENT FEDERAL #8-34

MONUMENT BUTTE (GREEN RIVER "D") UNIT

FEBRUARY 17, 1994

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR LOMAX EXPLORATION
ADDRESS P.O. Box 1446
Roosevelt, Utah 84066

Well name and number: MONUMENT FEDERAL #8-34

Field or Unit name: MONUMENT BUTTE GR "D" Unit Unit #83688U6800 Lease no. U-16535

Well location: QQ SE/NE section 34 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . . Yes [X] No [ ]

Will the proposed well be used for: Enhanced Recovery? . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [X] No [ ]
Date of test: 10/13/90
API number: 43-013-30843

Proposed injection interval: from 5024 to 5043

Proposed maximum injection: rate 1000 BWIPD pressure 2000# psig

Proposed injection zone contains [X] oil, [X] gas, and/or [ ] fresh water within ½ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: A, A-1, A-2, B-1 - B-8, C-1, C-2, C-3, D

I certify that this report is true and complete to the best of my knowledge.

Name Brad Mecham Signature Brad Mecham
Title Regional Production Manager Date 2-17-94
Phone No. (801) 722-5103

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

(3/89)

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1) Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.

2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1. *The name and address of the operator of the project;*

Answer: Lomax Exploration Company
P.O. Box 1446
W. Poleline Road
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area;*

Answer: Reference Exhibit A.

2.3. *A full description of the particular operation for which approval is requested;*

Answer: To approve the conversion of a Unit producing well to a Unit injection well in the Monument Butte (Green River "D" Unit).

2.4. *A description of the pools from which the identified wells are producing or have produced;*

Answer: The proposed injection well is currently producing oil and gas from the Green River Formation, specifically the "D" Sand which has been previously been unitized for production.

2.5. *The names, description and depth of the pool or pools to be affected;*

Answer: The Green River Formation pool targeted for injection is "D" sand with a gamma ray derived top as follows:

#8-34 - "D" sand @ 4992'

The injection zones are a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is inter granular. The confining impermeable stratum directly above and below the injection zones are composed of tight, moderately calcareous lacustrine shales.

2.6. *A copy of a log of a representative well completed in the pool;*

Answer: Referenced log Federal #1-34 is currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

2.7. *A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily;*

Answer: Culinary water from Johnson Water District supply line.
Estimated Injection Rate: 200 - 300 BWIPD
Maximum Injection Rate: 1000 BWIPD

2.8. *A list of all operators or owners and surface owners within a one-half mile radius of the proposed project;*

Answer: Reference Exhibit A-1 & A-2.

2.9. *An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection;*

Answer: Reference Exhibit D.

2.10. *Any additional information the Board may determine is necessary to adequately review the petition.*

Answer: Lomax will supply any additional information requested by the Bureau.

4.0. *Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the board after notice and hearing or by administrative approval.*

Answer: This proposed injection well is within the Monument Butte (Green River "D") Unit and the request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V - RULE 615-5-2

1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.

2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

2.1. *A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;*

Answer: Reference Exhibit A, A-1 & A-2.

2.2. *Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity;*

Answer: Reference log currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.3. *A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented;*

Answer: Reference log currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.4 *Copies of log already on file with the Division should be referenced, but need not to be refiled.*

Answer: Radioactive and cement bond logs currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.5 *A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;*

Answer: Reference Exhibit B - 1 and B - 2
A casing integrity test will be conducted upon conversion.

2.6. *A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.*

Answer: Culinary water from Johnson Water district supply line.
Estimated Injection Rate: 200 - 300 BWIPD
Maximum Injection Rate: 1000 BWIPD

2.7. *Standard laboratory analysis of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.*

Answer: Items (1) & (2) reference Exhibits C - 1 , C - 2 , C - 3. Item (3) - as Exhibit C - 2 shows, fresh water from our injection wells has reached the #8-34 resulting in compatible water.

2.8. *The proposed average and maximum injection pressures;*

Answer: Average Injection Pressure will be determined upon conversion by a Step Rate Test
Maximum Injection Pressure: 2000 psig - surface

2.9. *Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;*

Answer: The frac gradients for the field averages to be 0.84 psig/ft. The maximum injection pressures will be kept below this gradient. A step rate test will be performed periodically to insure we are below parting pressure.

2.10. *Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;*

Answer: The injection zone is "D" sandstone reservoir found within the Douglas Creek Member of the Green River Formation. The Douglas Creek is composed or porous and permeable lenticular calcareous sandstones and low porosity carbonates and calcareous shales.

	INJECTION ZONE	
	TOP	**THICKNESS**
#8-34 "D" SAND	**5024'**	**19'**

The porous and permeable lenticular sandstones vary in thickness from 0' to 34' and are confined to the Monument Butte field by low porosity calcareous shales and carbonates.

The confining stratum directly above and below the injection zone is the Douglas Creek member of the Green River Formation. The strata confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shales. All of the confining strata is impermeable and it will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it. Maps and cross sections to the Monument Butte (Green River "D") Unit are on file with the Division of Oil, Gas & Mining and also with the U. S. Bureau of Land Management.

2.11. *A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;*

Answer: Exhibits B-1through B-8.

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

2.12. *An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well;*

Answer: Exhibit D.

2.13 *Any other additional information that the Board or Division may determine is necessary to adequately review the application.*

Answer: Lomax exploration will await review of this application and additional information will be submitted if required.

3) Applications for injection wells which are within a recovery project area will be considered for approval.

3.1. Pursuant to Rule 615-5-1-3

3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.

4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.

5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-32, R615-8-1 and R615-10 apply to all Class II injection wells.

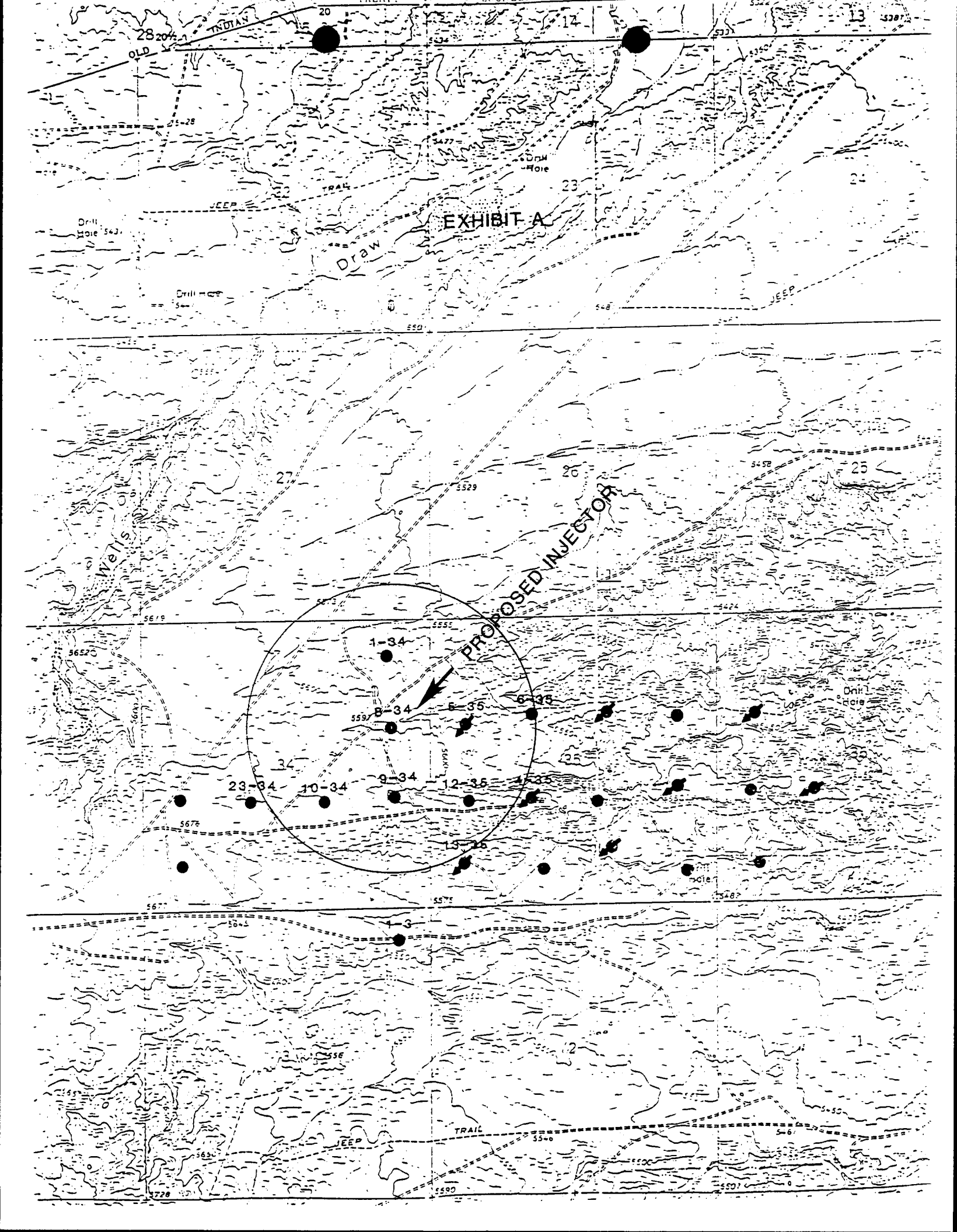


EXHIBIT A
PROPOSED INJECTOR
1-34
8-34
5-35
6-35
23-34
10-34
9-34
12-35
1-35
15-35
1-3
Draw
Wells
TRAIL
JEEP
Drill Hole

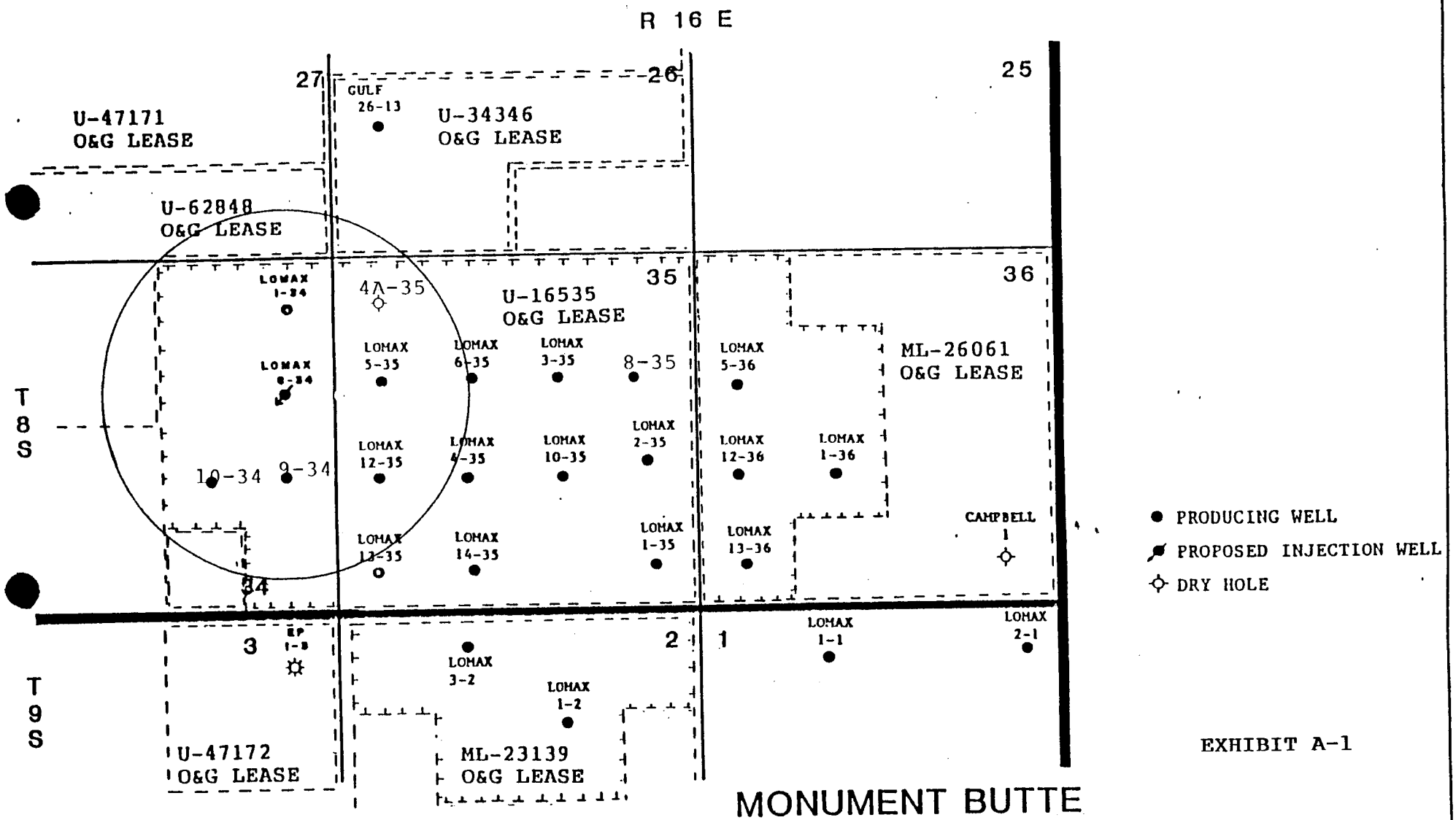


EXHIBIT A-1

MONUMENT BUTTE
DUCHESNE CO., UTAH
MINERAL RIGHTS

EXHIBIT A-2

SURFACE OWNERS, OWNERS AND OPERATORS WITHIN A ONE-HALF MILE RADIUS OF THE MONUMENT FEDERAL #8-34

SURFACE OWNERS

Bureau of Land Management
Attention: Ed Forsman
170 South 500 East
Vernal, UT 84078

State of Utah - Division of State Lands & Forestry
Attention: Ed Bonner
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, UT 84180-1204

GRAZING RIGHTS ONLY

Elmer Moon
HC1 Box 115
Duchesne, Utah 84021

OPERATORS

Enserch Exploration, Inc.
1817 Wood St.
Dallas, Texas 75201

PG&E Resources Company
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206

8-34.DHD

MONUMENT FEDERAL #8-34

SE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH

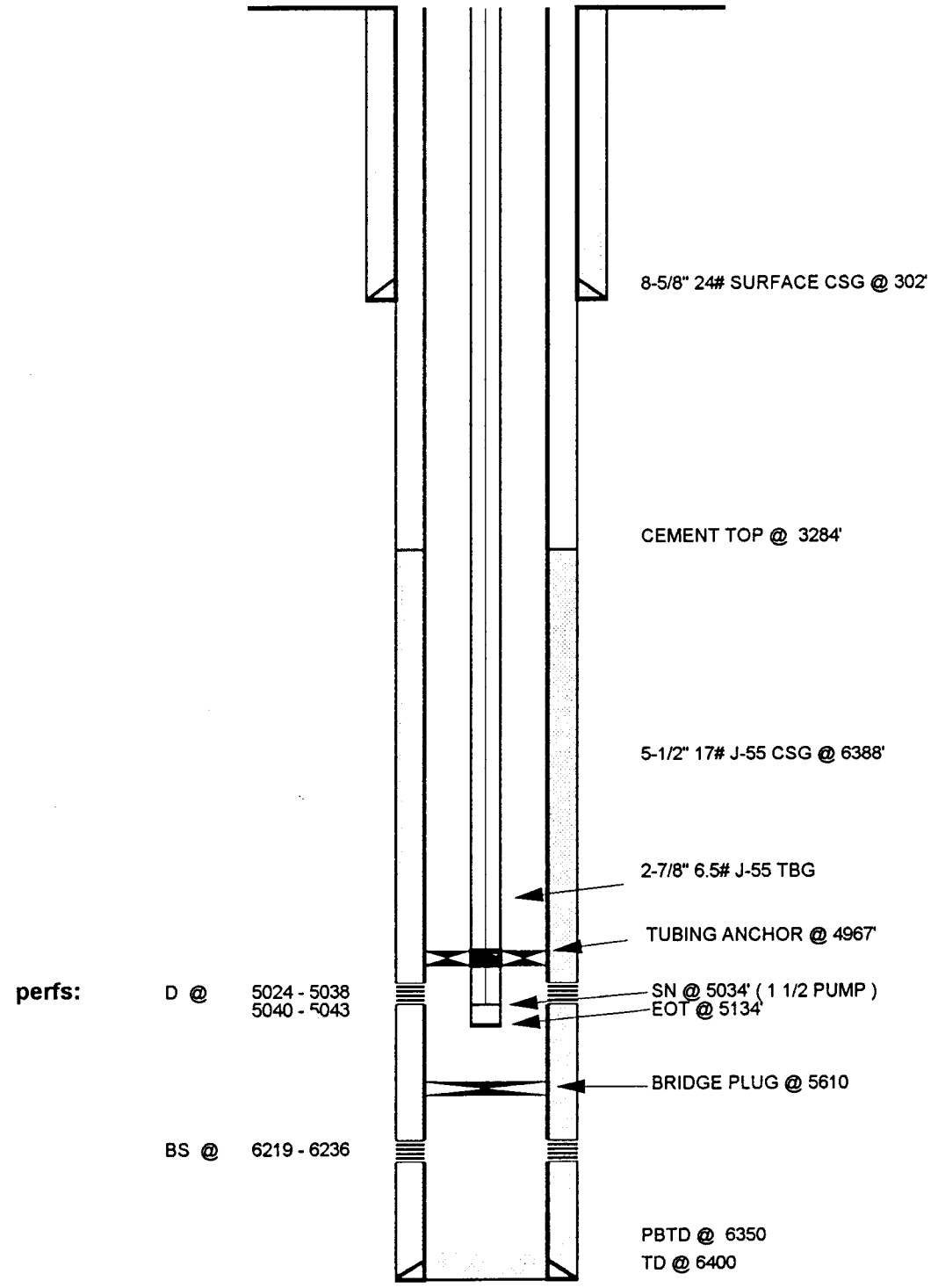


EXHIBIT B-1

BM 2/8/94

EXHIBIT C1

Jetco Chemicals, Inc.
A Procter & Gamble Co.

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 8-02-91

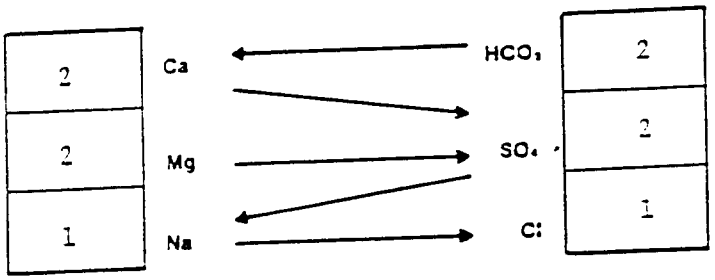
SOURCE Johnson water pump station DATE SAMPLED 8-02-91 ANALYSIS NO.

	Analysis	Mg/l (ppm)	*Meq/l	
1. PH	6.5			
2. H_2S (Qualitative)	.5			
3. Specific Gravity	1.002			
4. Dissolved Solids		370		
5. Suspended Solids				
6. Anaerobic Bacterial Count	C/Ml			
7. Methyl Orange Alkalinity ($CaCO_3$)				
8. Bicarbonate (HCO_3)	HCO_3	140	÷61	2 HCO_3
9. Chlorides (Cl)	Cl	30	÷35.5	1 Cl
10. Sulfates (SO_4)	SO_4	100	÷48	2 SO_4
11. Calcium (Ca)	Ca	48	÷20	2 Ca
12. Magnesium (Mg)	Mg	29	÷12.2	2 Mg
13. Total Hardness ($CaCO_3$)		240		
14. Total Iron (Fe)		.8		
15. Barium (Qualitative)				
16. Phosphate Residuals				

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	2	162
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19	2	120
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	1	59



Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS

EXHIBIT C-2

Jetco Chemicals, Inc.
A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

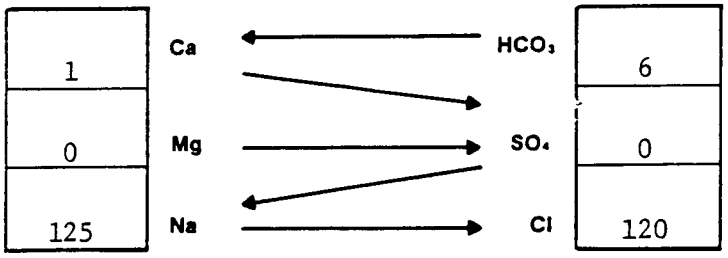
COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 12-05-90

SOURCE 8-34 DATE SAMPLED _____ ANALYSIS NO. _____

	Analysis	Mg/l (ppm)			*Meq/l
1. PH	8.1				
2. H_2S (Qualitative)	5.5				
3. Specific Gravity	1.017				
4. Dissolved Solids		7,542			
5. Suspended Solids					
6. Anaerobic Bacterial Count	_____ C/Ml				
7. Methyl Orange Alkalinity ($CaCO_3$)					
8. Bicarbonate (HCO_3)	HCO_3	366	÷61	6	HCO_3
9. Chlorides (Cl)	Cl	4,272	÷35.5	120	Cl
10. Sulfates (SO_4)	SO_4	0	÷48	0	SO_4
11. Calcium (Ca)	Ca	24	÷20	1	Ca
12. Magnesium (Mg)	Mg	5	÷12.2	0	Mg
13. Total Hardness ($CaCO_3$)		80			
14. Total Iron (Fe)		1.1			
15. Barium (Qualitative)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	1	81
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00	5	420
Na_2SO_4	71.03		
NaCl	58.46	120	7,015

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS _____

EXHIBIT C-3

Jetco Chemicals, Inc.
A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

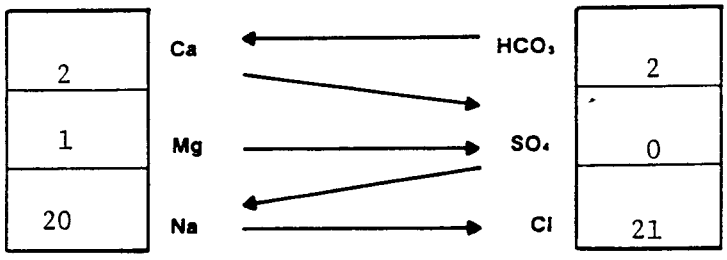
COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 12-06-90

SOURCE 1 part 8-34 to 10 parts source water DATE SAMPLED _____ ANALYSIS NO. _____

	Analysis	Mg/l (ppm)		*Meq/l	
1. PH	7.8				
2. H_2S (Qualitative)	1.0				
3. Specific Gravity	1.001				
4. Dissolved Solids		1,423			
5. Suspended Solids					
6. Anaerobic Bacterial Count	_____ C/Ml				
7. Methyl Orange Alkalinity ($CaCO_3$)					
8. Bicarbonate (HCO_3)		HCO_3 122	÷61	2	HCO_3
9. Chlorides (Cl)		Cl 754	÷35.5	21	Cl
10. Sulfates (SO_4)		SO_4 20	÷48	0	SO_4
11. Calcium (Ca)		Ca 48	÷20	2	Ca
12. Magnesium (Mg)		Mg 19	÷12.2	1	Mg
13. Total Hardness ($CaCO_3$)		200			
14. Total Iron (Fe)		1.3			
15. Barium (Qualitative)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	2	162
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62	1	48
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	20	1,169

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS _____

EXHIBIT D

RE: Application for Approval of Class II Injection Well
Monument Federal #8-34

I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Brad Mecham

LOMAX EXPLORATION COMPANY
By Brad Mecham, Regional Production Manager

Sworn to and subscribed before me the 17th day of February 1994.

Kebbie Jones

Notary Public in and for the State of Utah

Printed Name: Kebbie Jones
My Commission Expires: 5/4/94

KEBBIE S JONES
Notary Public
STATE OF UTAH
My Commission Expires
May 4, 1994
P O Box 1446, Roosevelt, UT 84066

8-34INJ.DHD

MONUMENT FEDERAL #8-34

SE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH
(AFTER CONVERSION)

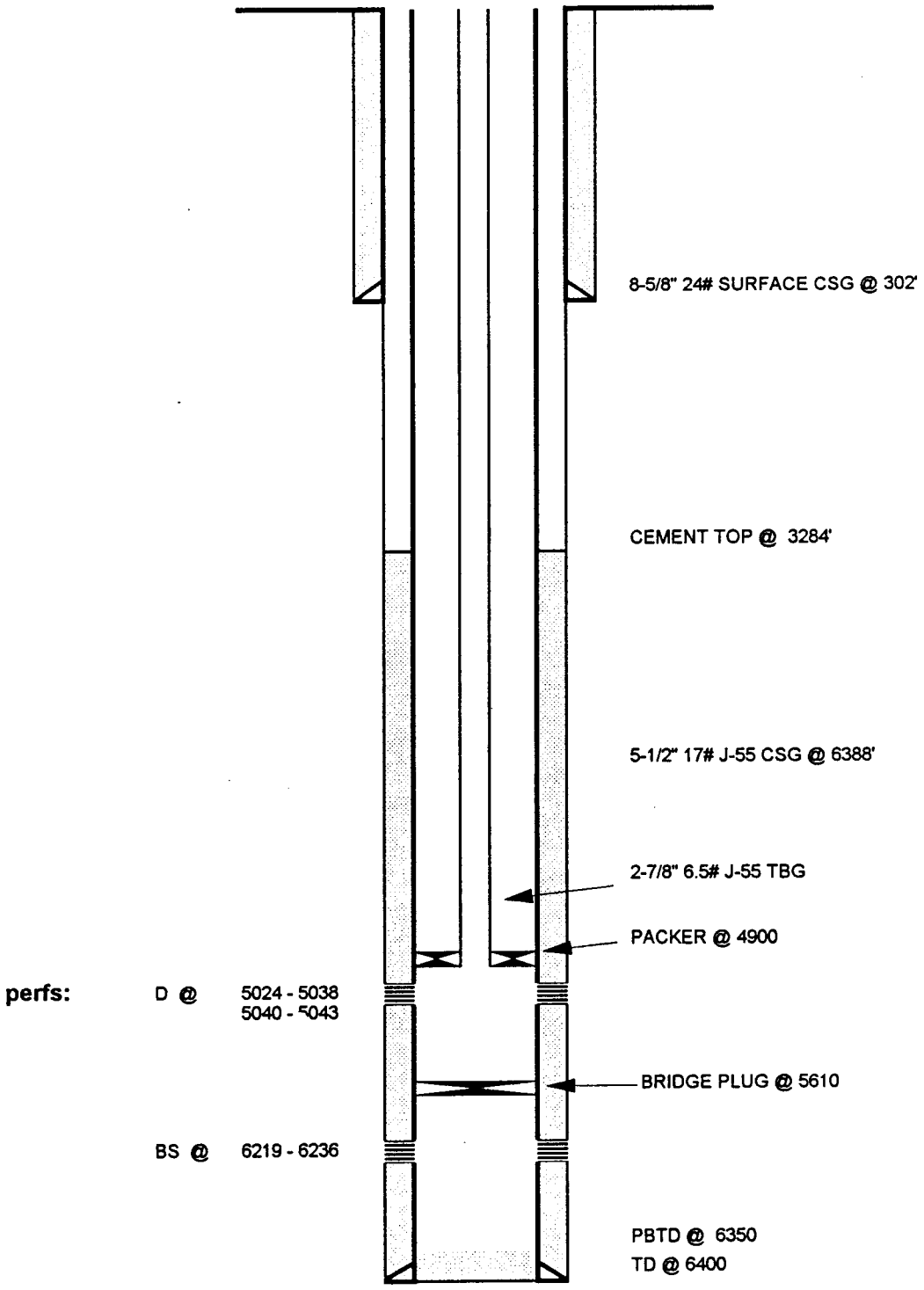


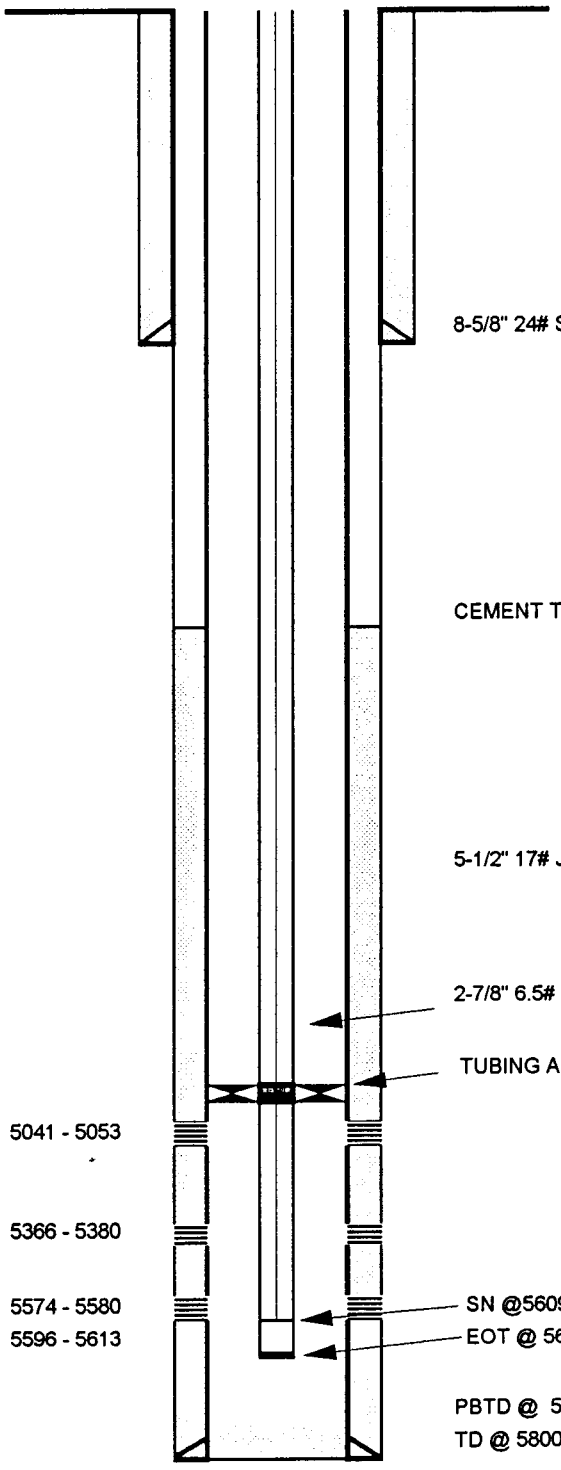
EXHIBIT B-2

BM 2/8/94

1-34.DHD

MONUMENT FEDERAL #1-34

NE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH



perfs:

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B @ 5366 - 5380

LDC @ 5574 - 5580
5596 - 5613

EXHIBIT B-3

BM 1/18/94

9-34.DHD

MONUMENT FEDERAL #9-34

NE/SE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH

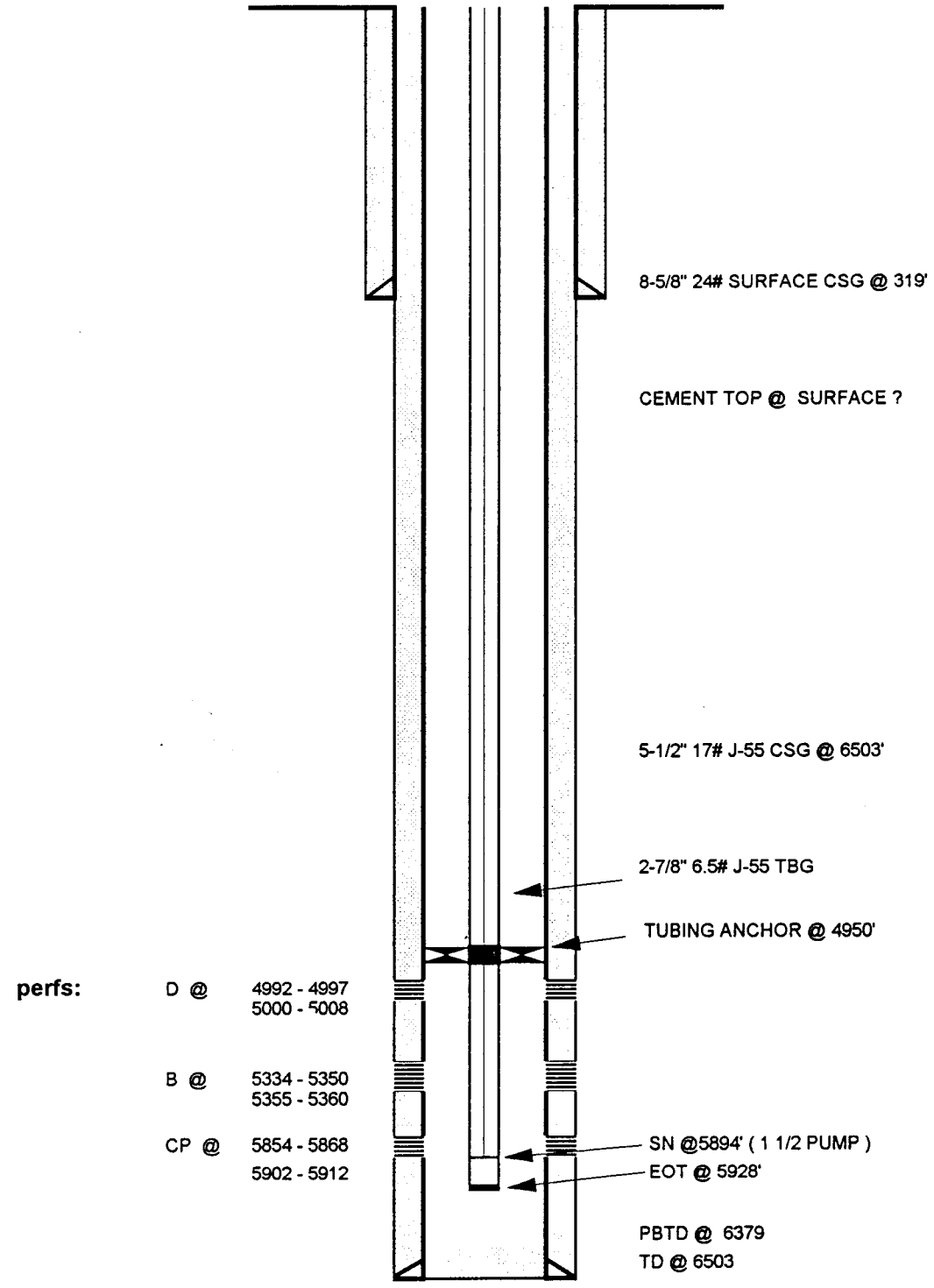


EXHIBIT B-4

BM 1/18/94

10-34.DHD

MONUMENT FEDERAL #10-34

NW/SE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH

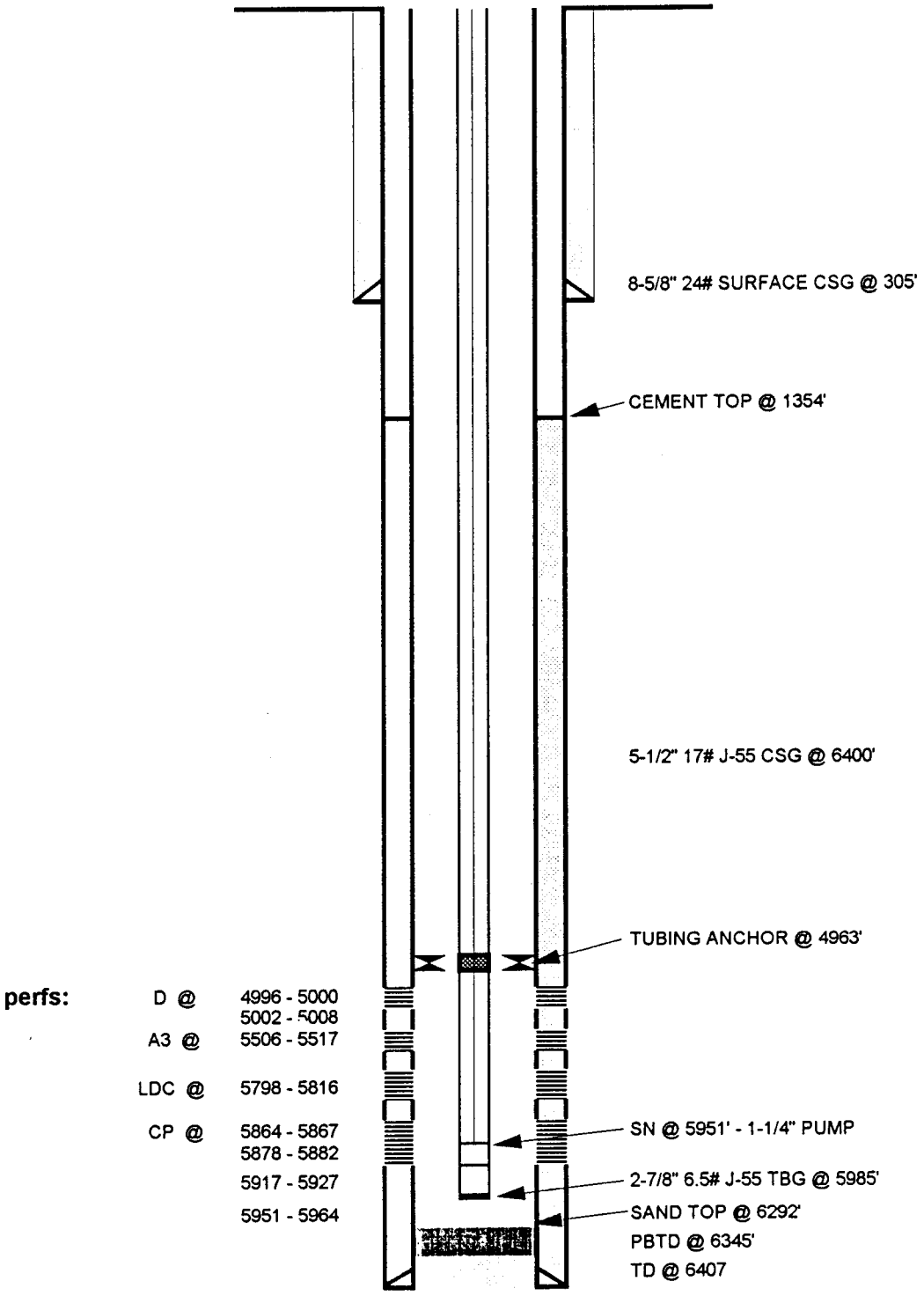


EXHIBIT B-5

LN 9/7/93

MONUMENT FEDERAL #5-35

SW/NW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH

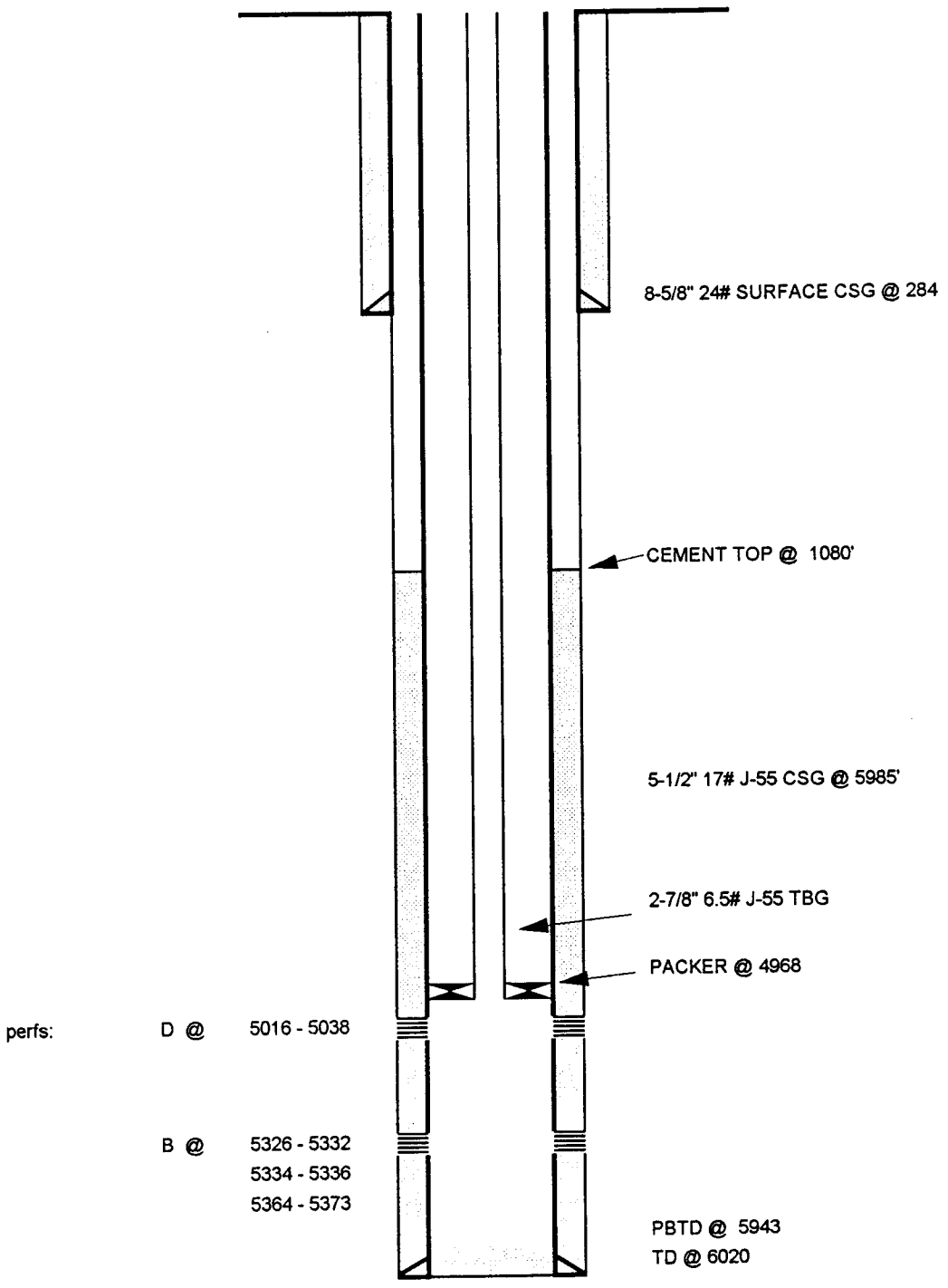


EXHIBIT B-6

BM 2/8/94

MONUMENT FEDERAL #6-35

SE/NW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH

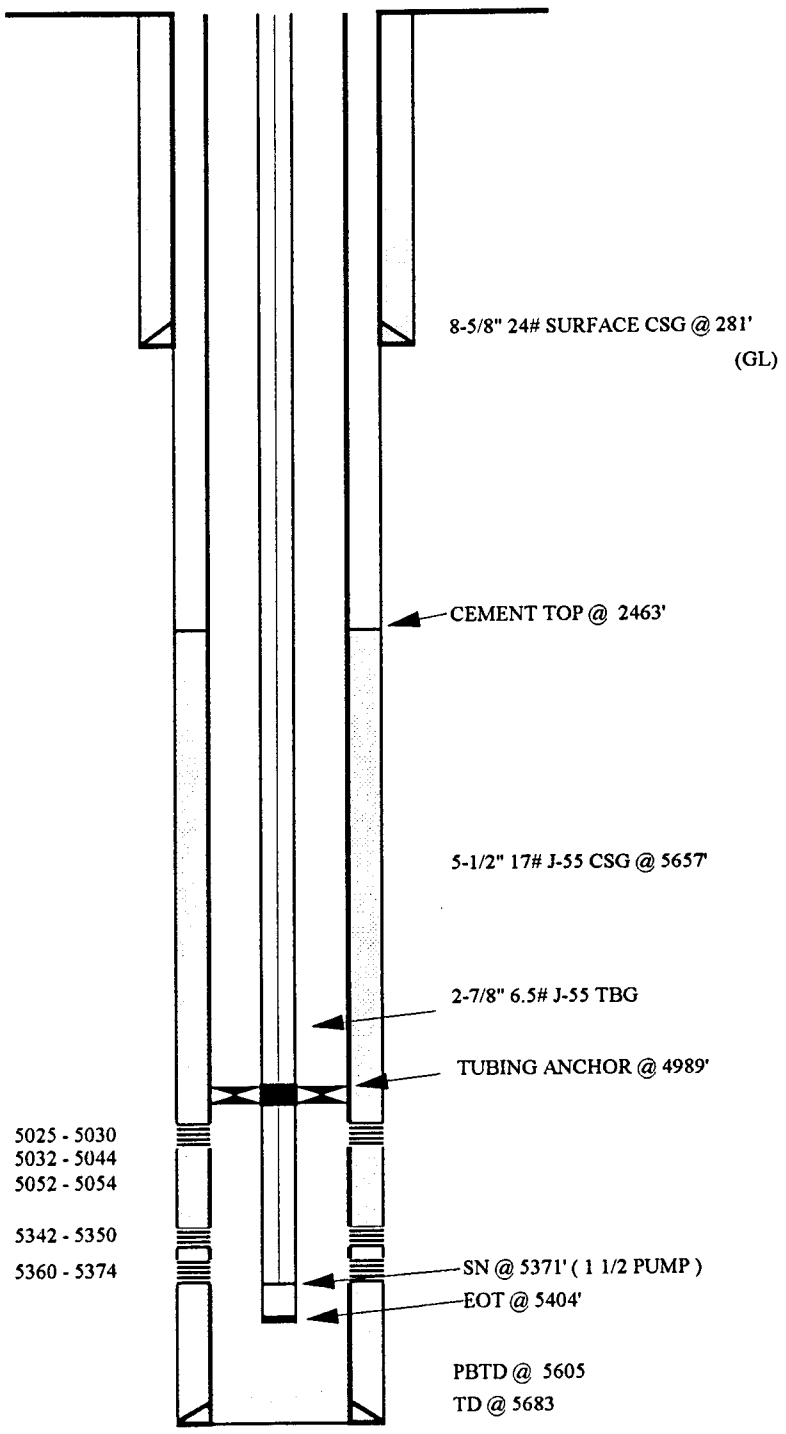


EXHIBIT B-7

BM 2/9/94

MONUMENT FEDERAL #12-35

NW/SW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH

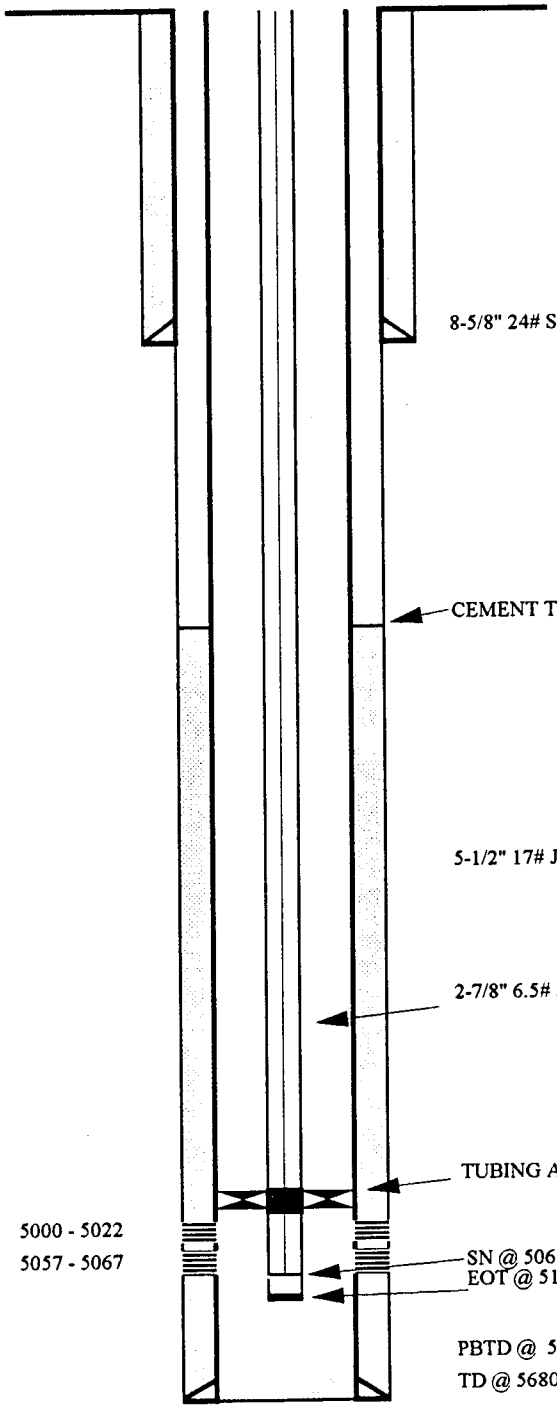


EXHIBIT B-8

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

FEB 17 1994

February 17, 1994

Lomax

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attention: Dan Jarvis

RE: Conversion to Water Injection
MONUMENT FEDERAL #8-34
SE/NE Sec. 34, T8S, R16E
Monument Butte Green River "D" Unit
Duchesne County, Utah

Dear Dan:

Please find enclosed the origianl and one copy of UIC Form 1 and attachments for the conversion to water injection for the above referenced location.

If you should have any questions or require additional information, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

Brad Mecham

Brad Mecham
Regional Production Manager

/kj

Enclosures

LOMAX EXPLORATION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

MONUMENT FEDERAL #8-34

MONUMENT BUTTE (GREEN RIVER "D") UNIT

FEBRUARY 17, 1994

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1) Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.

2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1. *The name and address of the operator of the project;*

Answer: Lomax Exploration Company
P.O. Box 1446
W. Poleline Road
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area;*

Answer: Reference Exhibit A.

2.3. *A full description of the particular operation for which approval is requested;*

Answer: To approve the conversion of a Unit producing well to a Unit injection well in the Monument Butte (Green River "D" Unit).

2.4. *A description of the pools from which the identified wells are producing or have produced;*

Answer: The proposed injection well is currently producing oil and gas from the Green River Formation, specifically the "D" Sand which has been previously been unitized for production.

2.5. *The names, description and depth of the pool or pools to be affected;*

Answer: The Green River Formation pool targeted for injection is "D" sand with a gamma ray derived top as follows:

#8-34 - "D" sand @ 4992'

The injection zones are a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is inter granular. The confining impermeable stratum directly above and below the injection zones are composed of tight, moderately calcareous lacustrine shales.

2.6. *A copy of a log of a representative well completed in the pool;*

Answer: Referenced log Federal #1-34 is currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

2.7. *A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily;*

Answer: Culinary water from Johnson Water District supply line.
Estimated Injection Rate: 200 - 300 BWIPD
Maximum Injection Rate: 1000 BWIPD

2.8. *A list of all operators or owners and surface owners within a one-half mile radius of the proposed project;*

Answer: Reference Exhibit A-1 & A-2.

2.9. *An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection;*

Answer: Reference Exhibit D.

2.10. *Any additional information the Board may determine is necessary to adequately review the petition.*

Answer: Lomax will supply any additional information requested by the Bureau.

4.0. *Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the board after notice and hearing or by administrative approval.*

Answer: This proposed injection well is within the Monument Butte (Green River "D") Unit and the request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V - RULE 615-5-2

1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.

2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

2.1. *A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;*

Answer: Reference Exhibit A, A-1 & A-2.

2.2. *Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity;*

Answer: Reference log currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.3. *A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented;*

Answer: Reference log currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.4 *Copies of log already on file with the Division should be referenced, but need not to be refiled.*

Answer: Radioactive and cement bond logs currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.5 *A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;*

Answer: Reference Exhibit B - 1 and B - 2
A casing integrity test will be conducted upon conversion.

2.6. *A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.*

Answer: Culinary water from Johnson Water district supply line.
Estimated Injection Rate: 200 - 300 BWIPD
Maximum Injection Rate: 1000 BWIPD

2.7. *Standard laboratory analysis of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.*

Answer: Items (1) & (2) reference Exhibits C - 1 , C - 2 , C - 3. Item (3) - as Exhibit C - 2 shows, fresh water from our injection wells has reached the #8-34 resulting in compatible water.

2.8. *The proposed average and maximum injection pressures;*

Answer: Average Injection Pressure will be determined upon conversion by a Step Rate Test
Maximum Injection Pressure: 2000 psig - surface

2.9. *Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;*

Answer: The frac gradients for the field averages to be 0.84 psig/ft. The maximum injection pressures will be kept below this gradient. A step rate test will be performed periodically to insure we are below parting pressure.

2.10. *Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;*

Answer: The injection zone is "D" sandstone reservoir found within the Douglas Creek Member of the Green River Formation. The Douglas Creek is composed or porous and permeable lenticular calcareous sandstones and low porosity carbonates and calcareous shales.

	INJECTION ZONE	
	TOP	**THICKNESS**
#8-34 "D" SAND	**5024'**	**19'**

The porous and permeable lenticular sandstones vary in thickness from 0' to 34' and are confined to the Monument Butte field by low porosity calcareous shales and carbonates.

The confining stratum directly above and below the injection zone is the Douglas Creek member of the Green River Formation. The strata confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shales. All of the confining strata is impermeable and it will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it. Maps and cross sections to the Monument Butte (Green River "D") Unit are on file with the Division of Oil, Gas & Mining and also with the U. S. Bureau of Land Management.

2.11. *A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;*

Answer: Exhibits B-1through B-8.

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

2.12. *An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well;*

Answer: Exhibit D.

2.13 *Any other additional information that the Board or Division may determine is necessary to adequately review the application.*

Answer: Lomax exploration will await review of this application and additional information will be submitted if required.

3) Applications for injection wells which are within a recovery project area will be considered for approval.

3.1. Pursuant to Rule 615-5-1-3

3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.

4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.

5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-32, R615-8-1 and R615-10 apply to all Class II injection wells.

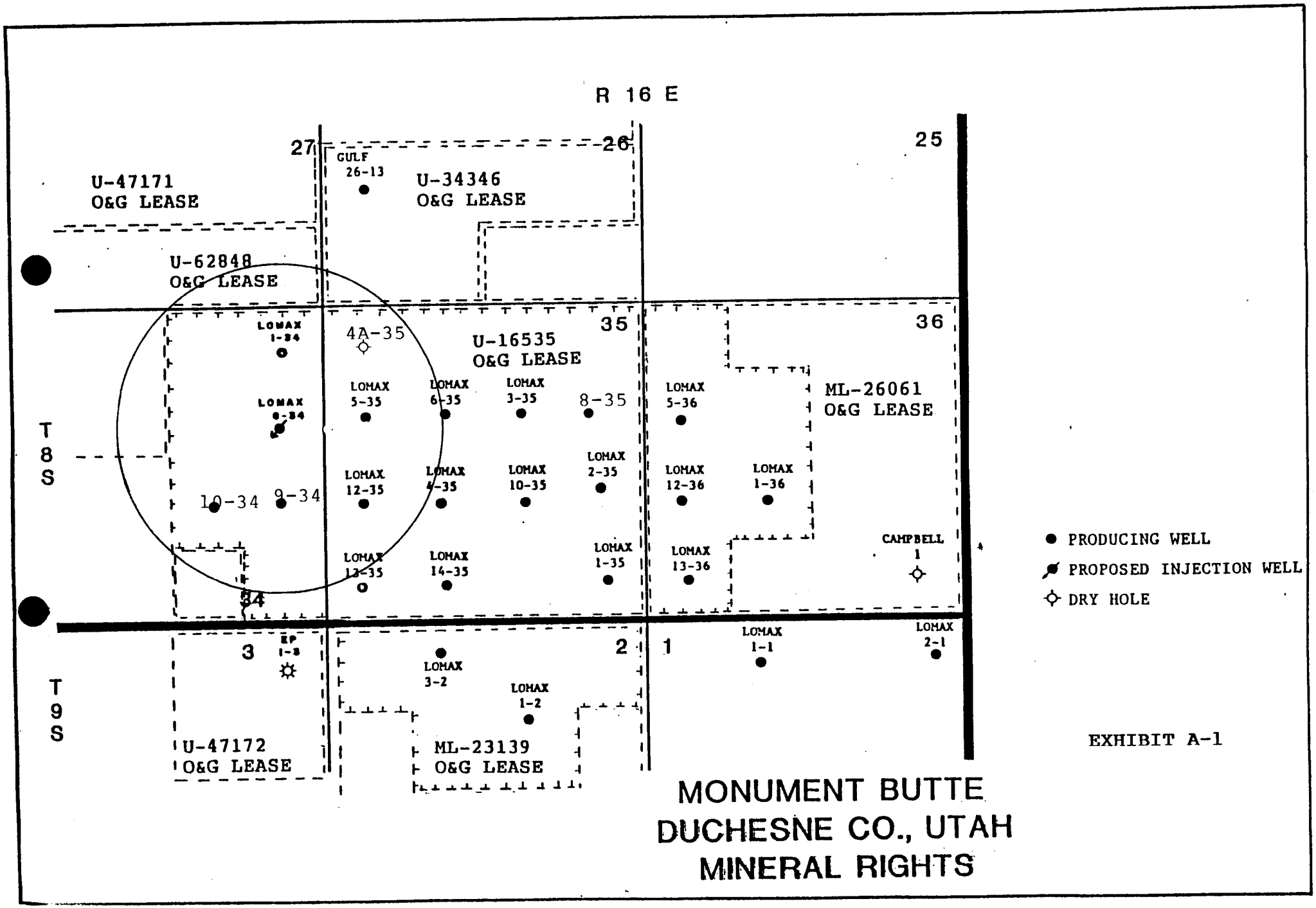


EXHIBIT A-1

MONUMENT BUTTE
DUCHESNE CO., UTAH
MINERAL RIGHTS

EXHIBIT A-2

SURFACE OWNERS, OWNERS AND OPERATORS WITHIN A ONE-HALF MILE RADIUS OF THE MONUMENT FEDERAL #8-34

SURFACE OWNERS

Bureau of Land Management
Attention: Ed Forsman
170 South 500 East
Vernal, UT 84078

State of Utah - Division of State Lands & Forestry
Attention: Ed Bonner
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, UT 84180-1204

GRAZING RIGHTS ONLY

Elmer Moon
HC1 Box 115
Duchesne, Utah 84021

OPERATORS

Enserch Exploration, Inc.
1817 Wood St.
Dallas, Texas 75201

PG&E Resources Company
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206

8-34.DHD

MONUMENT FEDERAL #8-34

SE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH

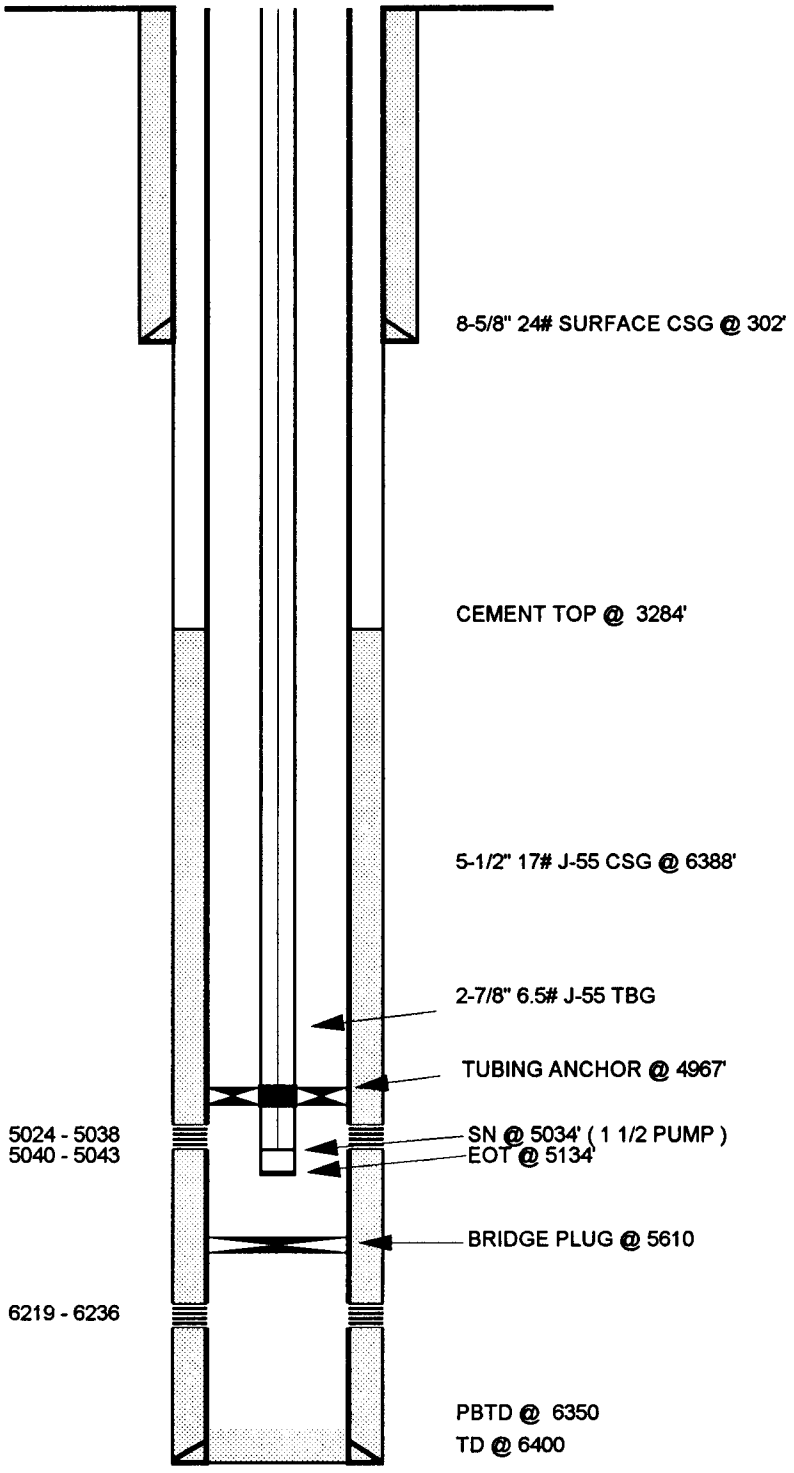


EXHIBIT B-1

BM 2/8/94

8-34INJ.DHD

MONUMENT FEDERAL #8-34

SE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH
(AFTER CONVERSION)

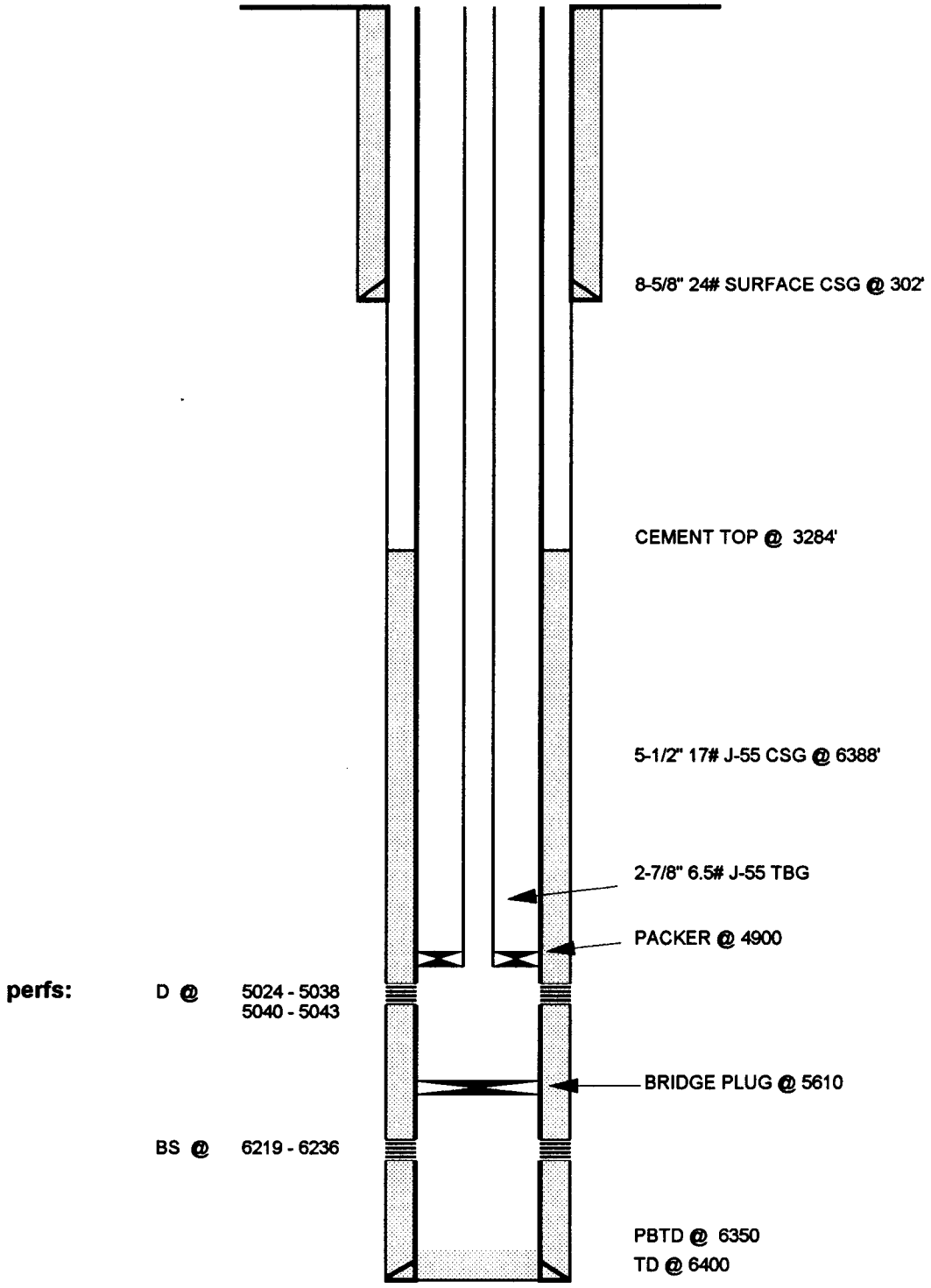


EXHIBIT B-2

BM 2/8/94

1-34.DHD

MONUMENT FEDERAL #1-34

NE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH

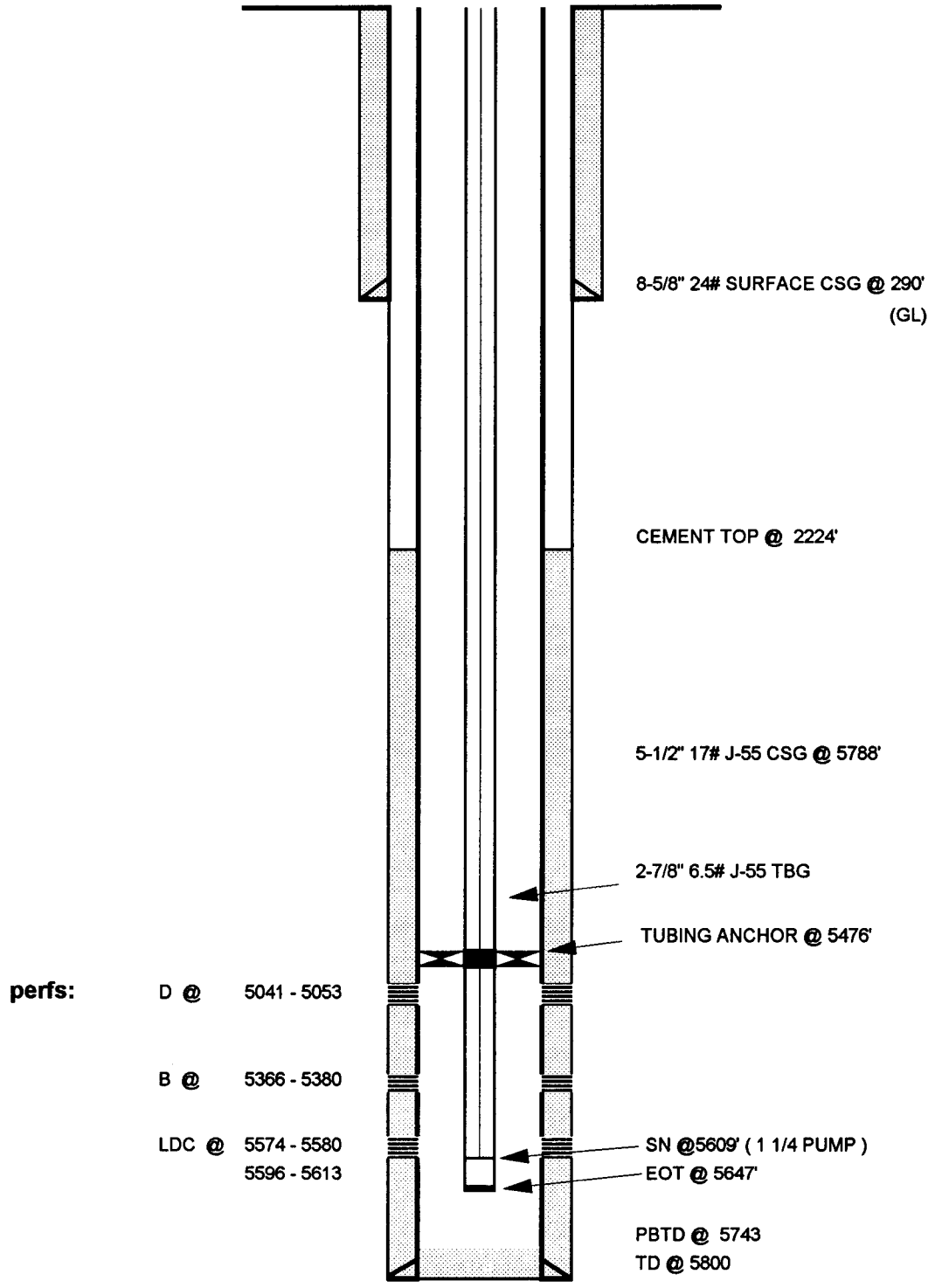


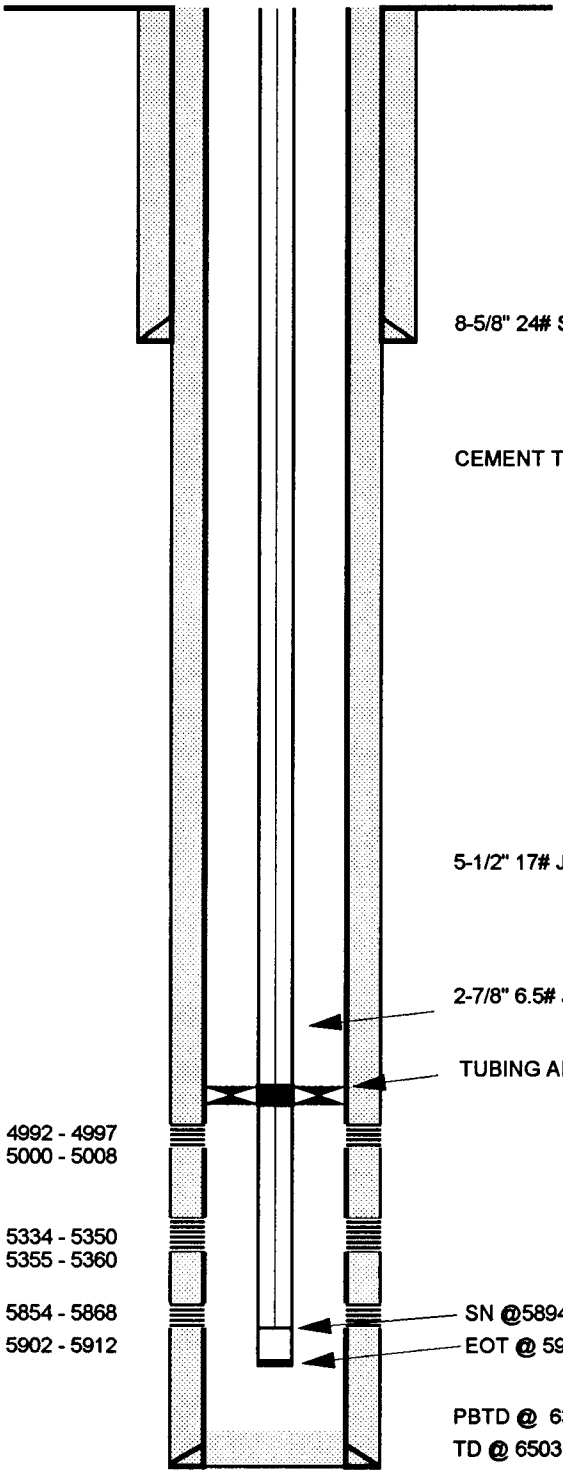
EXHIBIT B-3

BM 1/18/94

9-34.DHD

MONUMENT FEDERAL #9-34

NE/SE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH



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B @	5334 - 5350	
	5355 - 5360	
CP @	5854 - 5868	
	5902 - 5912	

EXHIBIT B-4

BM 1/18/94

10-34.DHD

MONUMENT FEDERAL #10-34

NW/SE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH

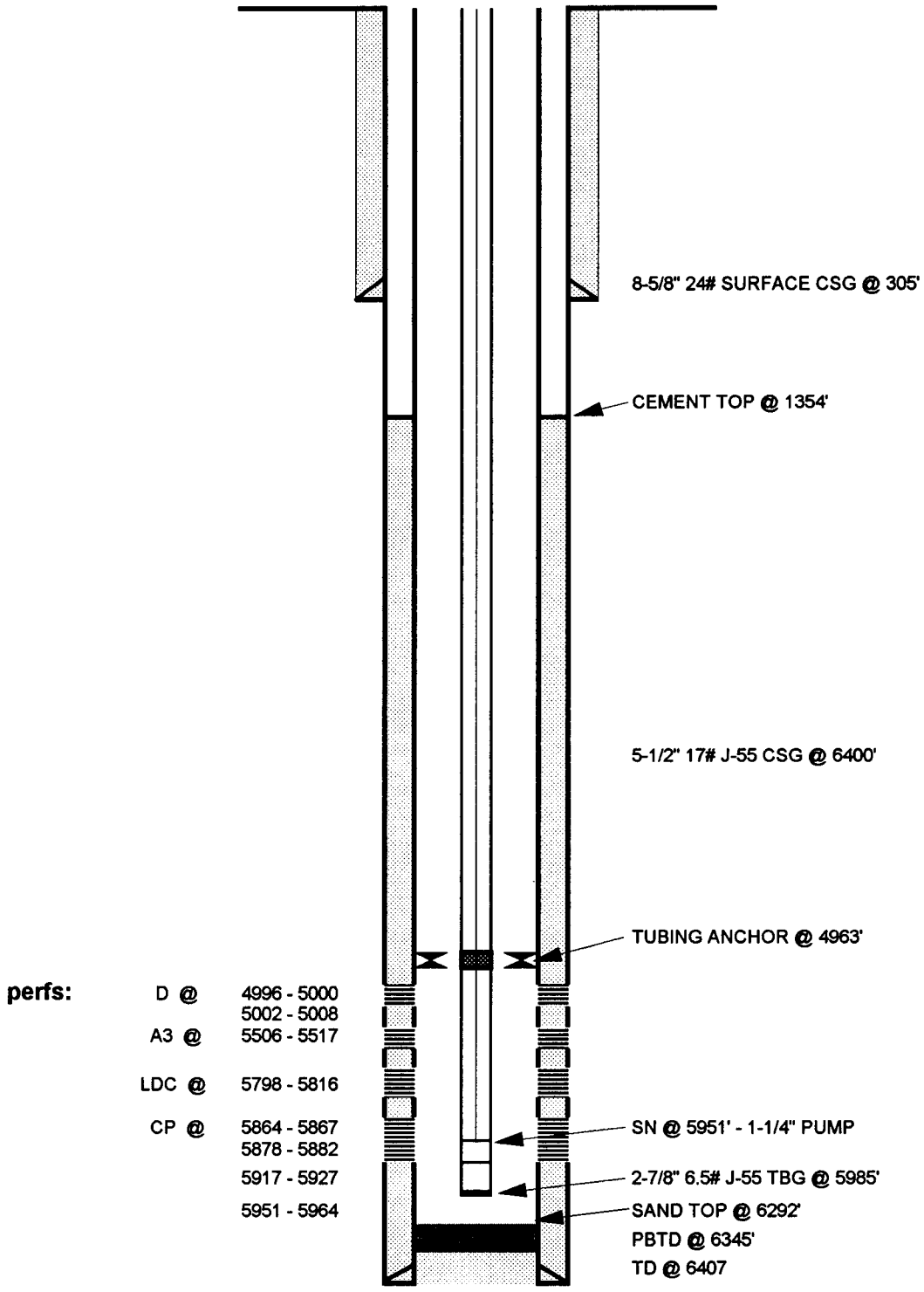


EXHIBIT B-5

LN 9/7/93

5-35INJ.DHD

MONUMENT FEDERAL #5-35

SW/NW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH

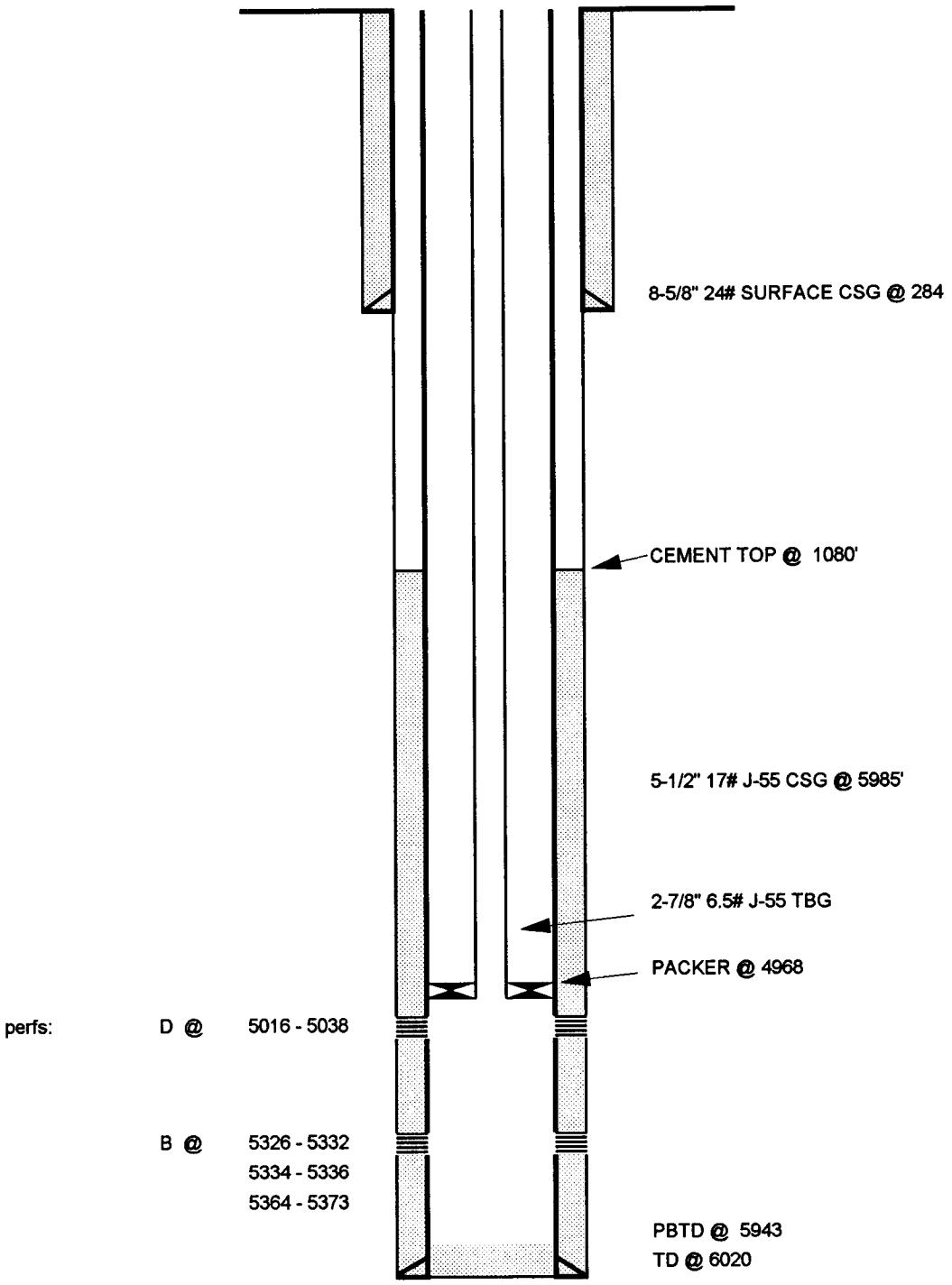


EXHIBIT B-6

BM 2/8/94

6-35.DHD

MONUMENT FEDERAL #6-35

SE/NW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH

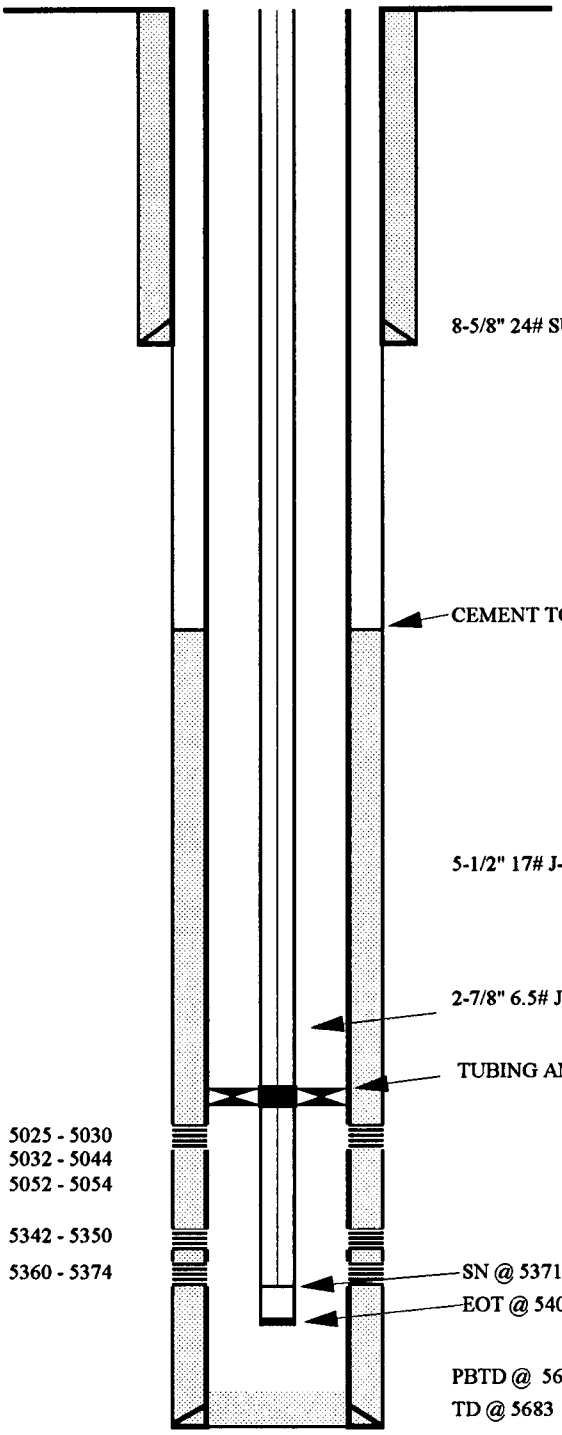


EXHIBIT B-7

BM 2/9/94

MONUMENT FEDERAL #12-35

NW/SW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH

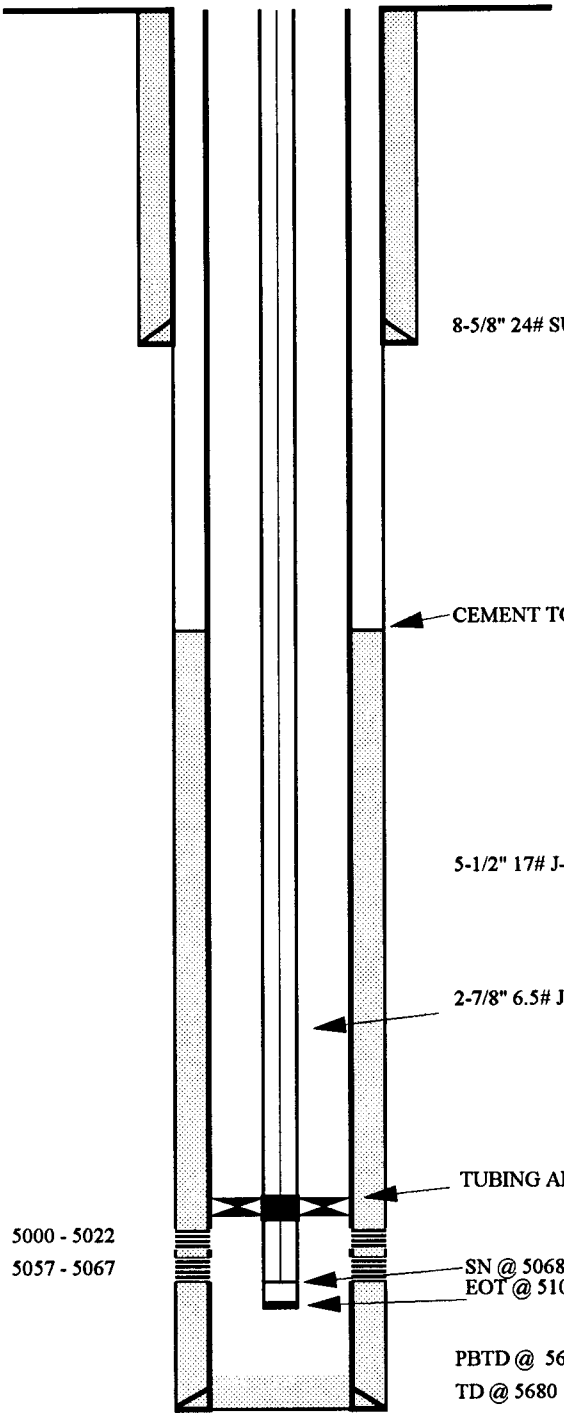


EXHIBIT B-8

BM 2/9/94

EXHIBIT C1

Jetco Chemicals, Inc.
A Procter & Gamble Co.

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

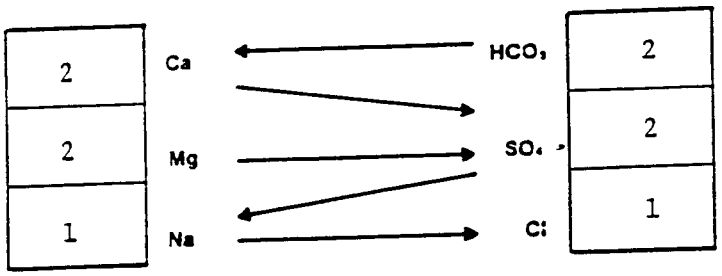
COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 8-02-91

SOURCE Johnson water pump station DATE SAMPLED 8-02-91 ANALYSIS NO.

	Analysis	Mg/l (ppm)	*Meq/l		
1. PH	6.5				
2. H_2S (Qualitative)	.5				
3. Specific Gravity	1.002				
4. Dissolved Solids		370			
5. Suspended Solids					
6. Anaerobic Bacterial Count		C/Ml			
7. Methyl Orange Alkalinity ($CaCO_3$)					
8. Bicarbonate (HCO_3)	HCO_3	140	÷61	2	HCO_3
9. Chlorides (Cl)	Cl	30	÷35.5	1	Cl
10. Sulfates (SO_4)	SO_4	100	÷48	2	SO_4
11. Calcium (Ca)	Ca	48	÷20	2	Ca
12. Magnesium (Mg)	Mg	29	÷12.2	2	Mg
13. Total Hardness ($CaCO_3$)		240			
14. Total Iron (Fe)		.8			
15. Barium (Qualitative)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	2	162
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19	2	120
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	1	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS

EXHIBIT C-2

Jetco Chemicals, Inc.
A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

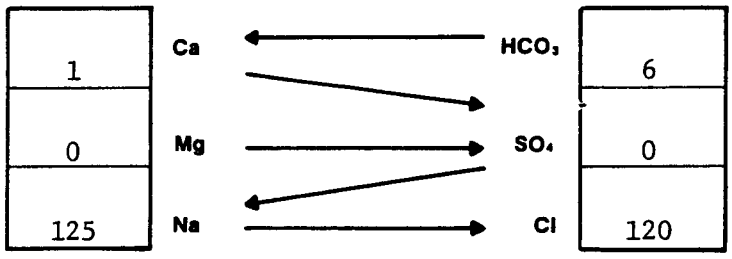
COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 12-05-90

SOURCE 8-34 DATE SAMPLED _____ ANALYSIS NO. _____

	Analysis	Mg/l (ppm)		*Meq/l	
1. PH	8.1				
2. H_2S (Qualitative)	5.5				
3. Specific Gravity	1.017				
4. Dissolved Solids		7,542			
5. Suspended Solids					
6. Anaerobic Bacterial Count	_____ C/Ml				
7. Methyl Orange Alkalinity ($CaCO_3$)					
8. Bicarbonate (HCO_3)	HCO_3	366	÷61	6	HCO_3
9. Chlorides (Cl)	Cl	4,272	÷35.5	120	Cl
10. Sulfates (SO_4)	SO_4	0	÷48	0	SO_4
11. Calcium (Ca)	Ca	24	÷20	1	Ca
12. Magnesium (Mg)	Mg	5	÷12.2	0	Mg
13. Total Hardness ($CaCO_3$)		80			
14. Total Iron (Fe)		1.1			
15. Barium (Qualitative)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	1	81
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00	5	420
Na_2SO_4	71.03		
NaCl	58.46	120	7,015

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS _____

EXHIBIT C-3

Jetco Chemicals, Inc.
A Procter & Gamble Co.

P.O. BOX 1898
CORSICANA, TX. 75151

OFFICE:
TEL: 214/872-3011
FAX: 214/872-4216

PLANT:
TEL: 214/874-9500
FAX: 214/874-9596

WATER ANALYSIS REPORT

COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 12-06-90

SOURCE 1 part 8-34 to 10 parts source water DATE SAMPLED _____ ANALYSIS NO. _____

	Analysis	Mg/l (ppm)		*Meq/l
1. PH	7.8			
2. H_2S (Qualitative)	1.0			
3. Specific Gravity	1.001			
4. Dissolved Solids		1,423		
5. Suspended Solids				
6. Anaerobic Bacterial Count	_____ C/Ml			
7. Methyl Orange Alkalinity ($CaCO_3$)				
8. Bicarbonate (HCO_3)	HCO_3	122	÷61	2 HCO_3
9. Chlorides (Cl)	Cl	754	÷35.5	21 Cl
10. Sulfates (SO_4)	SO_4	20	÷48	0 SO_4
11. Calcium (Ca)	Ca	48	÷20	2 Ca
12. Magnesium (Mg)	Mg	19	÷12.2	1 Mg
13. Total Hardness ($CaCO_3$)		200		
14. Total Iron (Fe)		1.3		
15. Barium (Qualitative)				
16. Phosphate Residuals				

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

2	Ca	←	HCO_3	2
		→		
1	Mg	→	SO_4	0
		←		
20	Na	→	Cl	21

Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	2	162
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62	1	48
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	20	1,169

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS _____

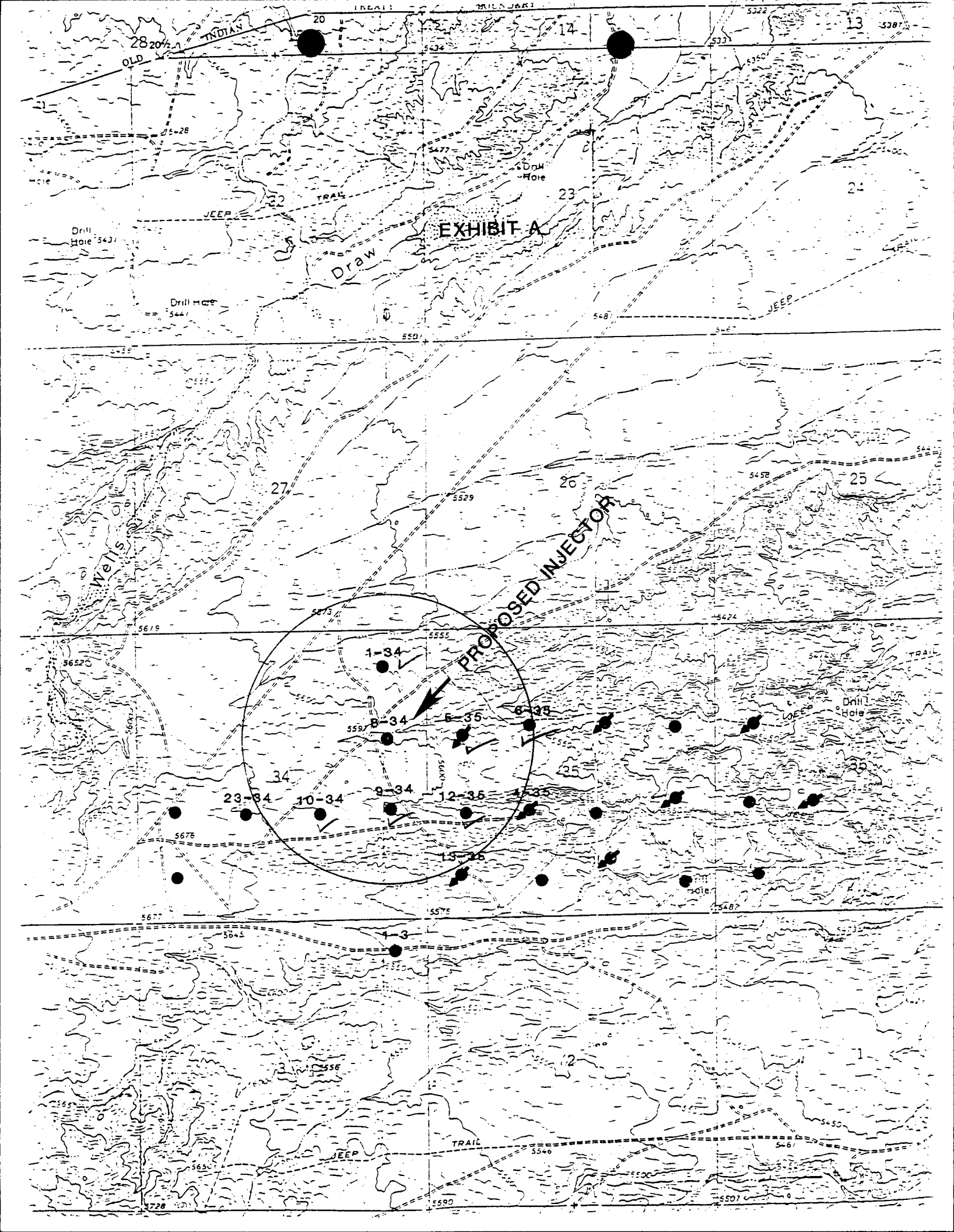


EXHIBIT A
PROPOSED INJECTOR
Wells
1-34
B-34
5-35
6-35
23-34
10-34
9-34
12-35
4-35
13-35
1-3
Draw
TRAIL
JEEP
Drill Hole
INDIAN
OLD

EXHIBIT D

RE: Application for Approval of Class II Injection Well
Monument Federal #8-34

I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Brad Mecham
LOMAX EXPLORATION COMPANY
By Brad Mecham, Regional Production Manager

Sworn to and subscribed before me the 17th day of February 1994.

Kebbie Jones
Notary Public in and for the State of Utah

KEBBIE S JONES
Notary Public
STATE OF UTAH
My Commission Expires
May 4, 1994
P O Box 1446, Roosevelt, UT 84066

Printed Name: Kebbie Jones
My Commission Expires: 5/4/94

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

March 2, 1994

Lomax

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
355 West North Temple
Three Triad Center - Suite #350
Salt Lake City, Utah 84180-1203

RE: **MONUMENT BUTTE FEDERAL #8-34**
SE/NE Sec 34, T8S, R16E
Monument Butte Green River "D" Unit
Duchesne County, Utah

Dear Dan:

You have received the "Application for Injection" for the above referenced well. As per your request please find enclosed the original and one copy of the following:

1) Amended Exhibit "D"
2) Exhibit B-9

The Amended Exhibit "D" shows that we have mailed a copy of the application to all owners and operators within a one-half mile radius. Exhibit B-9 is a P&A'D well we referenced in Exhibit A-1, but failed to include information on. These two items should be all you will need to process this application.

If you should have any questions or require additional information, please don't hesitate to contact me.

Sincerely,

Brad Mecham
Regional Production Manager

Enclosures

/kj

EXHIBIT D - AMENDED MARCH 2, 1994

RE: Application for Approval of Class II Injection Well
Monument Federal #8-34

I certify that a copy of the application has been provided to all surface owners, grazing right owners and operators within a one-half mile radius of the proposed injection well.

Brad Mecham

LOMAX EXPLORATION COMPANY
By Brad Mecham, Regional Production Manager

Sworn to and subscribed before me the 2nd day of March 1994.

Kebbie S. Jones

Notary Public in and for the State of Utah

Printed Name: Kebbie Jones
My Commission Expires: 5/4/94

KEBBIE S JONES
Notary Public
STATE OF UTAH
My Commission Expires
May 4, 1994
P.O. Box 1466, Roosevelt, UT 84066

MONUMENT BUTTE FED 4A-35
NW/NW SEC 35, T8S, R16E
660' FWL 600' FNL
DUCHESNE CO.,UTAH
API #43-013-31348-0000

WELL DATA

Elevation: 6400'GR, 6412'KB KB = 12
Spud Date: 4/20/92
TD: 6395'
Csg: 8-5/8" 23# & 24# J-55 @ 282
PBTD: P & A - Dry hole

COMPLETION HISTORY

DRY HOLE - P&A'd 5/7/92 as follows:

60 sks Class "G" @ 5747'- 5547'
30 sks Class "G" @ 5650'- 5550'
60 sks Class "G" @ 2400'- 2200'
175 sks Class "G" @ 450'- 150'
6 sks Cement @ 50'- surface

EXHIBIT B-9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR LOMAX EXPLORATION
ADDRESS P.O. Box 1446
Roosevelt, Utah 84066

Well name and number: MONUMENT FEDERAL #8-34

Field or Unit name: MONUMENT BUTTE GR "D" Unit Unit #83688U6800 Lease no. U-16535

Well location: QQ SE/NE Section 34 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . . Yes [X] No [ ]

Will the proposed well be used for: Enhanced Recovery? . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [X] No [ ]
Date of test: 10/13/90
API number: 43-013-30843

Proposed injection interval: from 5024 to 5043

Proposed maximum injection: rate 1000 BWIPD pressure 2000# psig

Proposed injection zone contains [X] oil, [X] gas, and/or [ ] fresh water within ½ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: A, A-1, A-2, B-1 - B-8, C-1, C-2, C-3, D

I certify that this report is true and complete to the best of my knowledge.

Name Brad Mecham Signature Brad Mecham
Title Regional Production Manager Date 2-17-94
Phone No. (801) 722-5103

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

(3/89)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF LOMAX EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT FEDERAL #8-34 WELL LOCATED IN SECTION 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-148

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval of the Monument Federal #8-34 Well, located in Section 34, Township 8 South, Range 16 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The well will be selectively perforated from 5024' to 5043' in the Green River formation (D sand interval). The applicant has requested a maximum injection pressure of 2000 psig which will be confirmed by conducting a step-rate pressure test following the completion of the well. The requested injection volume is approximately 1000 bwpd.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 22nd day of March 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

R.J. Firth
Associate Director, Oil and Gas

WUI101

Lomax Exploration Company
Monument Federal #9-34 Well
Cause No. UIC-148

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Lisa D. Clement
Lisa D. Clement
Administrative Secretary
March 22, 1994

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

March 22, 1994

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-148

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

March 22, 1994

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-148

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Sincerely,

Lisa D. Clement

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Lomax Exploration Well: Monument Fed. 8-34

Location: section SENE 34 township 8S range 16E

API #: 43-013-30843 Well Type: disp.__ enhanced recov. X

If enhanced recovery has project been approved by the Board ? ___

Lease Type: Federal Surface Ownership: BLM

Field: Monument Butte Unit: Monument Butte Indian Country: N

UIC Form 1: Yes Plat: Yes Wells in AOR: 5P 1PA 1I

Logs Available: Yes Bond Log: Yes

Casing Program: OK

Integrity Test: To be run

Injection Fluid: Johnson Water & Produced water.

Geologic Information: 5024-5043 ft sand of Green River 1000 BPD max.

Analyses of Injection Fluid: ✓ Formation Fluid ✓ Compat. ✓

Fracture Gradient Information: .84psi/ft Parting Pressure ___ 2060 psi

Affidavit of Notice to Owners: Y.

Fresh Water Aquifers in Area: 0-300 feet ?

Depth Base of Moderately Saline Water: 2400 feet.

Confining Interval: Shales & silts

Reviewer: DJ Jarvis Date: ___

Comments & Recommendation ___

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
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March 22, 1994

Uintah Basin Standard
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Sincerely,

Lisa D. Clement

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF LOMAX EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT FEDERAL #8-34 WELL LOCATED IN SECTION 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-148

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval of the Monument Federal #8-34 Well, located in Section 34, Township 8 South, Range 16 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The well will be selectively perforated from 5024' to 5043' in the Green River formation (D sand interval). The applicant has requested a maximum injection pressure of 2000 psig which will be confirmed by conducting a step-rate pressure test following the completion of the well. The requested injection volume is approximately 1000 bwpd.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 22nd day of March 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

R.J. Firth
Associate Director, Oil and Gas

WUI101

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
DECISION DOCUMENT

Applicant: Lomax Exploration Co. **Well:** Injection Well 8-34

Location: Monument Butte, Duchesne County

Ownership Issues: The proposed well is located in section 34, township 8 south, range 16 east, Duchesne, County, Utah. The surface and minerals within a 1/2 mile of the well is owned by the federal government, and the State of Utah.Lomax has provided an affidavit stating that all interested parties have been notified of their intent to convert the well to injection.

Well Integrity: The well proposed for injection is the Monument Butte Federal 8-34.. The well has an 8 5/8" surface casing at 302 feet and cemented to surface. A 5 1/2" longstring is set at 6400 feet and is cemented to 3284 feet and was verified by a cement bond log. The injection interval is from 5024-5043 feet (Green River Formation). A 2 7/8" tubing will be set in a packer no higer than 50 feet above the perforations.This construction should adequately protect all USDW's. There are 5 producing wells and 1 injection welland a plugged well in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the longstring and have adequate surface casing to prevent any migration of fluid up the hole. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 2400 feet located in the Uinta Formation in the area of the project. Any shallow fresh water zones will be adequately protected by existing constructions of surrounding wells. A maximum injection pressure of 2000 psi (surface pressure) was requested and should be approved. A number of step rate tests have been conducted in the field and the average fracture gradient is .84 psi/ft. A maximum rate of 1000 bwpd was requested. No corrective action is needed on any of the wells in the area of review.

Oil/Gas & Other Mineral Resources Protection: The Monument Butte Field is an existing water flood project which has been in operation for a number of years.Injection into this well should have no adverse affects on any offsetting production outside the unit area.

Bonding: All the wells in the section are operated by Lomax and are covered by a state wide bond.

Actions Taken and Further Approvals Needed: A public notice for the 8-34 injection

has been published in both the Salt Lake Tribune and the Uinta Basin Standard. Administrative approval can be granted for the injection well after a 15 day comment period if no objections are received. An MIT needs to be conducted prior to injection.

DJJ
Reviewers

03-30-94
Date

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-16535
8368806800

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Monument Butte GR "D"

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Water Injection

8. Well Name and No.
Monument Butte #8-34

2. Name of Operator
LOMAX EXPLORATION

9. API Well No.
43-013-30843

3. Address and Telephone No.
P.O. Box 1446 Roosevelt, Utah 84066

10. Field and Pool, or Exploratory Area
Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
701' FEL 2059' FNL Sec. 34, T8S, R16E SE/NE

11. County or Parish, State
Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Injectivity Test	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

LOMAX EXPLORATION COMPANY IS REQUESTING APPROVAL TO CONDUCT AN INJECTIVITY TEST ON THE ABOVE REFERENCED WELL PRIOR TO INJECTION. THIS TEST UPON APPROVAL WILL BEGIN APRIL 8, 1994.

* APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4-7-94
BY:

* Attached Conditions

14. I hereby certify that the foregoing is true and correct

Signed Boyd Meehan Title Reg. Production Manager Date April 6, 1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: Federal Approval of this Action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Conditions for injection well step-rate test approval:

1) Notify the DOGM office prior to commencing operations to allow witnessing of the test.

2) Steps must be of equal time length.

3) Either rate or pressure must be held constant during each time step.

4) Test should include a minimum of 4 data points below the parting pressure and a minimum of 3 data points above the parting pressure.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-16535
8368U6800

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Monument Butte GR "D"

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Water Injection

8. Well Name and No.
Monument Butte #8-34

2. Name of Operator
LOMAX EXPLORATION

9. API Well No.
43-013-30843

3. Address and Telephone No.
P.O. Box 1446 Roosevelt, Utah 84066

10. Field and Pool, or Exploratory Area
Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
701' FEL 2059' FNL Sec. 34, T8S, R16E SE/NE

11. County or Parish, State
Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Injectivity Test	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

LOMAX EXPLORATION COMPANY IS REQUESTING APPROVAL TO CONDUCT AN INJECTIVITY TEST ON THE ABOVE REFERENCED WELL PRIOR TO INJECTION. THIS TEST UPON APPROVAL WILL BEGIN APRIL 8, 1994.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 4-26-94
By:

RECEIVED
APR 13 1994

14. I hereby certify that the foregoing is true and correct

Signed Bob Mecham Title Reg. Production Manager Date April 6, 1994

(This space for Federal or State office use)

Approved by Federal Approval of th... Title _____ Date _____
Conditions of approval, if any: ...on is Attached

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

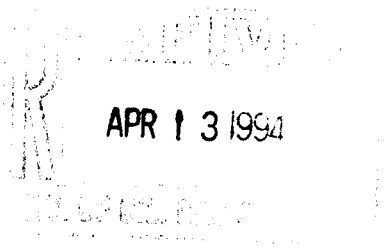
Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

April 6, 1994

Lomax

State of Utah
Attn: Dan Jarvis
355 West North Temple
Three Triad Center - Suite #350
Salt Lake City, Utah 84180-1203



Bureau of Land Management
Attn: Ed Forsman
170 South 500 East
Vernal, Utah 84078

RE: MONUMENT BUTTE FEDERAL #8-34
Monument Butte Green River "D" Unit

Gentlemen:

Please find enclosed a "Sundry Notice and Report on Wells" for the above referenced well. This is for approval of an injectivity test prior to injection.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

Brad Mecham
Regional Production Manager

Enclosures

/kj

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

April 15, 1994

Lomax

State of Utah
355 West North Temple
Three Triad Center - Suite #350
Salt Lake City, Utah 84180-1203

APR 1 [illegible] 1994

Bureau of Land Management
Attn: Ed Forsman
170 South 500 East
Vernal, Utah 84078

RE: MONUMENT FEDERAL #8-34
SE/NE Sec. 34, T8S, R16E
MONUMENT BUTTE GR "D" UNIT
Duchesne County, Utah

Gentlemen:

Please find enclosed the results of a casing integrity test conducted on the above referenced well. I have also enclosed a copy of the chart used during the test.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

Jody Liddell

Jody Liddell
Field Foreman

Enclosures

/kj

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune (NA) DESERET NEWS

CUSTOMER'S COPY

LEGAL ADVERTISING INVOICE

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 W NO TEMPLE, #350 SALT LAKE CITY, UT 84180	LE-5385340	03/28/94

FOR BILLING INFORMATION
CALL (801) 237-2822

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTIONCAUSE NO. UIC-148BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS,DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCURATION IN UTAH,AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON MAR 28 1994

SIGNATURE

03/28/94

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-148
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF LOMAX EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT FEDERAL #8-34 WELL LOCATED IN SECTION 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval of the Monument Federal #8-34 well, located at Section 34, Township 8 South, Range 16 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The well will be selectively perforated from 5024' to 5043' in the Green river formation (D sand interval). The applicant has requested a maximum injection rate of approximately 1000 BWPD.

Any person desiring to object to the application or otherwise intervene in this proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or Intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 22nd day of March, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R. J. Firth
Associate Director, Oil and Gas
30820050

ACCOUNT NAME			TELEPHONE
OIL, GAS & MINING			801-538-5340
SCHEDULE			AD NUMBER
1994			30820050
REF. NO.	CAPTION		MISC.CHARGES
C-148	NOTICE OF AGENCY ACTIONCAUSE NO. UIC-148BEFOR		.00
SIZE	TIMES	RATE	AD CHARGE
ES 1 COLUMN	1	1.64	124.64
PAYABLE ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE	124.64

THANK YOU FOR USING LEGAL ADVERTISING.

PLEASE RETURN THIS PORTION

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

LEGAL ADVERTISING ADV06-NT

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	30820050	03/28/94	124.64

LEGAL ADVERTISING

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

DIV OF OIL, GAS & MINING
355 W NO TEMPLE, #350
SALT LAKE CITY, UT 84180

PLEASE RE...

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L. Morgan, P.E.
NGINEER
in the Uintah
ndard on March
1994

Diversion = POD; Place of Use = POU; Nature of Use = USE)

APPLICATION(S) TO APPROPRIATE WATER

43-10452 (A67616): Susan M. Dye QUANTITY: 1.73 ac-ft. SOURCE: 6 in well 100 ft. to 300 ft. deep. POD: (1) S. 900 E. 1350 from NW Cor, Sec 28, T1S, R1W. (3 miles north of Roosevelt) USE: Irrigation: from Apr 1 to Oct 31, total acreage 0.25 acs; Stockwatering: 10 head of livestock; Domestic: 1 family. POU: NE 1/4 NW 1/4 Sec 28, T1S, R1W.

43-10393 (A66942): USE Bureau of Reclamation QUANTITY: 3.0 cfs. 1st Source: 8-in wells 50 feet deep POD: (1) N 85 E 967, (2) N 65 E 1127, both from S 1/4 Cor, (3) N 48 W 1323, (4) N 28 W 1172, both from SE Cor, Sec 5, (5) S 575 W 1387, (6) S 924 W 1177, (7) S 803 W 810, (8) S 611 W 830 from NE Cor, Sec. 5 3rd SOURCE: springs (10) N 2121 E 29, (11) N 786 E 333, (12) N 368 E 208, (13) N 487 E 243, all from S 1/4 Cor, Sec 5, (14) S 584 E 349 from N 1/4 Cor, Sec 8, T1N, R6W, USB&M., STORAGE: In Lower Stillwater Ponds #1 through #14 with a total capacity 279.5 ac-ft., depth varying form 3 to 8 ft., inundating a total of 63.7 acs. in SW 1/4 NE 1/4, SE 1/4 Sec 5; N 1/2 NE 1/4, SE 1/4 NE 1/4 Sec 8, T1N, R6W, USB&M. USE: (supplemental) Wildlife: Fish Culture, Wildlife and Wetland Habitat, Recreation. The water will be returned to the natural stream or source at a point(s): (1) S 2190 W 285 from NE Cor, Sec 8, T1N, R6W, USB&M.

APPLICATION(S) TO CHANGE WATER

43-10450 (a17901): Dry Gulch Irr. Co. - Owner -- Edwin Fisher - User SOURCE: 6 in. well 0 ft. to 215 ft. deep. POD: (1) N 736 E 56 from S 1/4 Cor, Sec 25, T2N, R1E. (9 miles north of Lapoint) USE: Same as Heretofore. POU: SW 1/4 SE 1/4 Sec 25; NW 1/4 NE 1/4 Sec 36, T2N, R1E.

Robert L. Morgan, P.E.
STATE ENGINEER
Published in the Uintah Basin Standard March 29, April 5,12, 1994

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-148

IN THE MATTER OF THE APPLICATION OF LOMAX EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT FEDERAL #8-34 WELL LOCATED IN SECTION 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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GARAGE SALES

Cleaning Out the Garage? It's time for a Garage Sale! Advertise your Sale in the Uintah Basin Standard for only $3.00 for 20 words. Call in your ad and Charge it to your VISA or MasterCard or stop by 268 S 200 E in Roosevelt
3-15 ups

MISCELLANOUS

$CANS $CANS $ - We buy: All Scrap, Batteries, Aluminum, Steel, Brass, Autos, Copper, Radiators. 40 cents lb for aluminum cans with this ad. 601 S. Main, Spanish Fork, 798-3548, 1-800-359-2172. Offer expires 3/31/94. (ucan)3-29 1tp

AL NOTICES

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propose(s) to change the POD, POU, & USE of water as evidenced by Application A438.

HERETOFORE: QUANTITY: 7.48 ac-ft. SOURCE: Lake Fork River. POD: (1) N 263 W 595 from NW Cor, Sec 9, T1S, R4W. USE: Irrigation: from Apr 1 to Oct 31, total acreage 4.00 acs. POU: NE 1/4 SE 1/4 Sec 19, T1S, R3W.

HEREAFTER: QUANTITY: 7.48 ac-ft. SOURCE: Spring Stream. POD: (1) S 528 W 198 from E 1/4 Cor, Sec 19, T1S, R3W. (About 3 Mi.) STORAGE: Unnamed Pond, Capacity 15.9 ac-ft., height of dam 30 ft., inundating 1.87 acs. in NE 1/4 SE 1/4 Sec 19, T1S, R3W. USE: Stockwatering: 200 head of livestock; Wildlife: Incidental Wildlife Use.; Fish Culture: Fish Culture. POU: NE 1/4 SE 1/4 Sec 19, T1S, R3W.

43-10451 (A67606): Raymond and JoAnn Murray QUANTITY: 1.32 ac-ft. SOURCE: 6 in. well 0 ft. to 215 ft. deep. POD: (1) N 736 E 56 from S 1/4 Cor, Sec 25, T2N, R1E. (9 miles north of Lapoint) USE: Stockwatering: 47 head of livestock. POU: NW 1/4 NE 1/4 Sec 36, T2N, R1E

tively perforated form 5024' to 5043' [illegible] Green River formation (D sand interval). The applicant has requested a maximum injection pressure of 2000 psig which will be confirmed by conducting a step-rate pressure test following the completion of the well. The requested injection volume is approximately 1000 bwpd.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of interventions is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 22nd day of March 1994.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING. R.J. FIRTH, Associate Director, Oil and Gas
Published in the Uintah Basin Standard March 29, 1994

NOTICE

The Town of Altamont will be accepting bids on the following surplus equipment: One (1) 1961 Adams Motor-Grader (Grader will be sold in AS-IS condition, with no warranties)

Sealed bids will be accepted until 5:00 p.m. Wednesday April 13, 1994. Bids should be mailed to: Town of Altamont, Box 57, Altamont, Utah 84001. A minimum bid of $1500, must be submitted. Anyone wishing to examine the equipment can see it at the Altamont City Shed located behind 1st Security Band on April 8, 1994 between the hours of 10:00 a.m. and 12:00 p.m. Bids will be opened at 7:30 p.m. on April 13, 1994 at the Altamont Town Hall.

The Town of Altamont reserves the right to accept or reject any or all bids.
Published in the Uintah Basin Standard March 29, 1994

NOTICE OF PUBLIC HEARING

The Town of Altamont will be conducting a Public Hearing on the status of it's garbage collection system. Hearing Date: April 6, 1994 Time: 7:00 p.m. Location: Altamont Town Hall.

Altamont is facing a change in the cost of garbage collection. A Public Hearing is being held to gather in-put from town citizens on the garbage collection system. Several options will be discussed. This effects all residents in the town. Please plan to attend this meeting.

Town Council
Published in the Uintah Basin Standard March 29, 1994

PUBLIC NOTICE

On March 22, 1994, Ashley National Forest Supervisor, Duane Tucker made a decision to implement Alternative #2 in the Environmental Assessment for Noxious Weed Management. Alternative #2 involves treating noxious weeds using preventive, manual, mechanical, biological and/or chemical methods.

The associated Decision Notice and Finding of No Significant Impact are available upon request from the Ashley National Forest, 355 North Vernal Ave., Vernal, utah 84078.

This decision is subject to appeal pursuant to Forest Service regulations 36 CFR 217. Appeals must be filed within 45 days from the date of publication of this notice in the Vernal Express. An appeal must be postmarked by May 7, 1994. Notice of Appeals must meet the requirements of 36 CFR 217.9.
Published in the Uintah Basin Standard March 29, 1994

NOTICE OF PUBLIC HEARING

PUBLIC NOTICE is hereby given that a public hearing will be held on April 12th, 1994 from 11:00 am to 11:30 am in the Commission Chambers, in Duchesne, Utah.

The purpose of the hearing is for review and comment on the following item: A Zone Change to the 2.5 Acre Zone for Tom Golinski.

Said Zone Change to be located as follows: Township 2 South, Range 1 West USM: Section 7: Begin at the SW Corner of Section; thence N 1130; thence E 495; thence N 190; thence E 825; thence 1320; thence E 660; thence S 660; thence E 660; thence S 1980; thence W 2640 to Point of Beginning (Proposed Coventry Cove Estates) (North of Sterling Meadows Subdivision)

Duchesne County Commission
Attest Pat Stratton

For further information contact Jack Wood, Planning and Community Development Director, at 738-2435, 722-3997 or 1-800-448-2107, extension 195.
Published in the Uintah Basin Standard March 29, April 5, 1994

GENERAL NOTICE TO CONTROL NOXIOUS WEEDS

Notice is hereby given this 1st day of April, 1994, pursuant to the Utah Noxious Weed Act, Section 7, to every person who owns or controls land in Duchesne County, Utah, that noxious weeds standing, being, or growing on such land shall be controlled and the spread of same prevented by effective cutting, tillage, cropping, pasturing, or treating with chemicals or other effective methods, or combination thereof, approved by the County Weed Supervisor, as often as may be required to prevent the weed from blooming and maturing seeds, or spreading by root, root stalks or other means.

Upon failure to comply with this notice, the owner or person in possession of property upon which noxious weeds are present shall be deemed negligent and enforced control measures may be imposed at the discretion of county authorities. Expenses of control measures employed by the county shall be paid directly by the owner or person in possession of the property, or shall constitute a lien on the property, and become collectible by taxes.

The following are declared noxious weeds for the State of Utah and the county of Duchesne;

*Bermudagrass, Musk Thistle, Bindweed,

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Clean-up will begin April 1. I dumpsters will be provided Roosevelt City at the follo locations: vacant lot at 650 N 600 East; vacant lot on La Street between 300 East and east; vacant lot by Roosevelt Ci and Roosevelt City Building, n side of the lot. These dumps will be in place until Satur April 9 only.

No tree limbs to be place dumpsters. Please take limbs t designated spot south of Stew Thriftway.

During the month of April, crews will pick up citizens clea debris each Friday as follows: Fri April 8, west of State Street north of Lagoon Street #1; Fri April, 15, east of State Street north of Lagoon #2; Friday, Apri

DEADLINES FOR THE

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

May 5, 1994

Lomax

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
355 West North Temple
Three Triad Center - Ste. 350
Salt Lake City, Utah 84180-1203

Bureau of Land Management
Attn: Ed Foresman
170 North 500 East
Vernal, Utah 84078

RE: MONUMENT BUTTE FEDERAL #8-34
SE/NE SECTION 34, T8S, R16E
MONUMENT BUTTE GR "D" UNIT
LEASE #U-16535
UNIT #83688U6800

Dear Gentlemen:

Please find enclosed a "Step Rate Test" that was conducted on May 5, 1994 for the above referenced well. As the test indicates the parting pressure appears to be 1360#, were currently injecting at 1350#

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

Brad Mecham

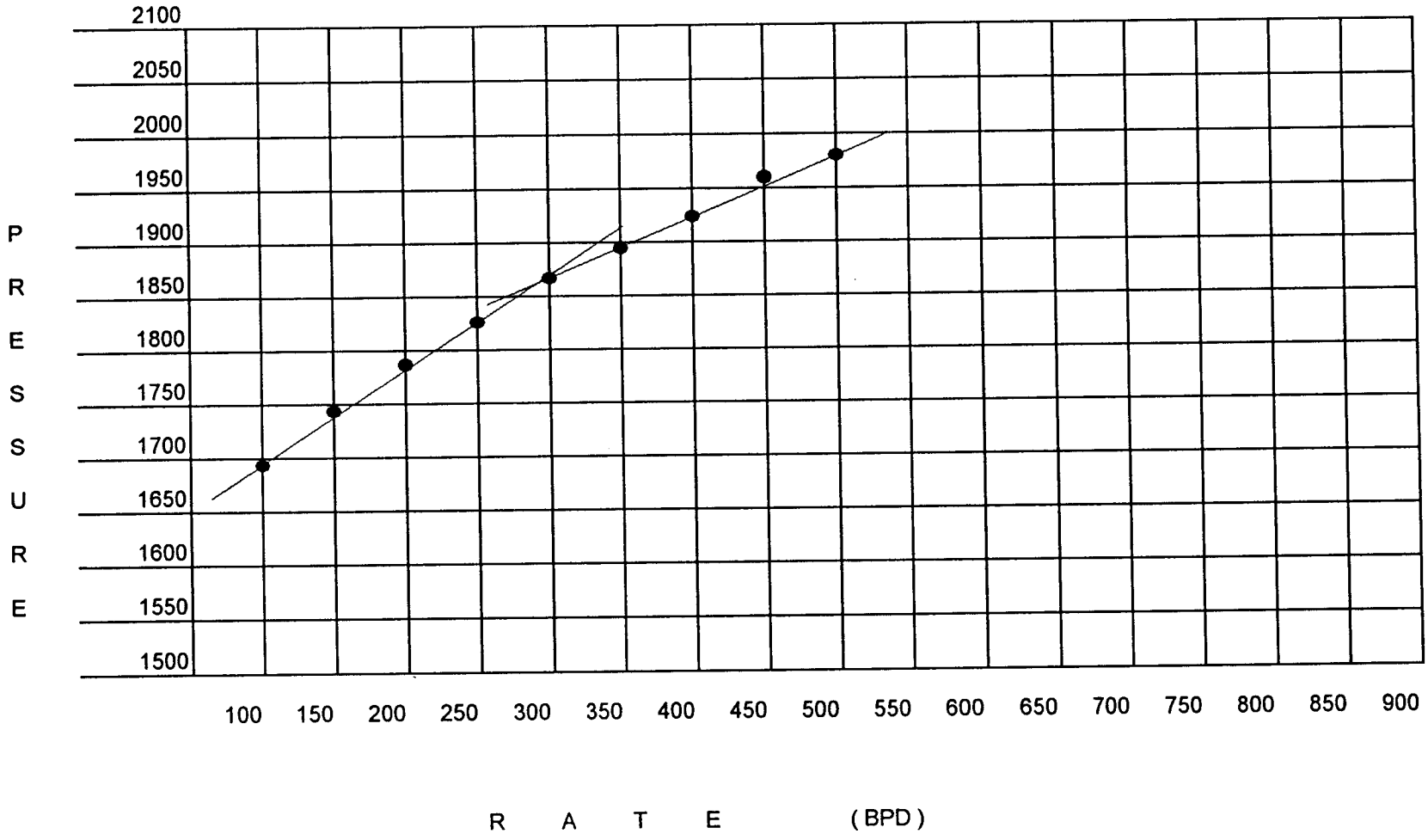
Brad Mecham
Regional Production Manager

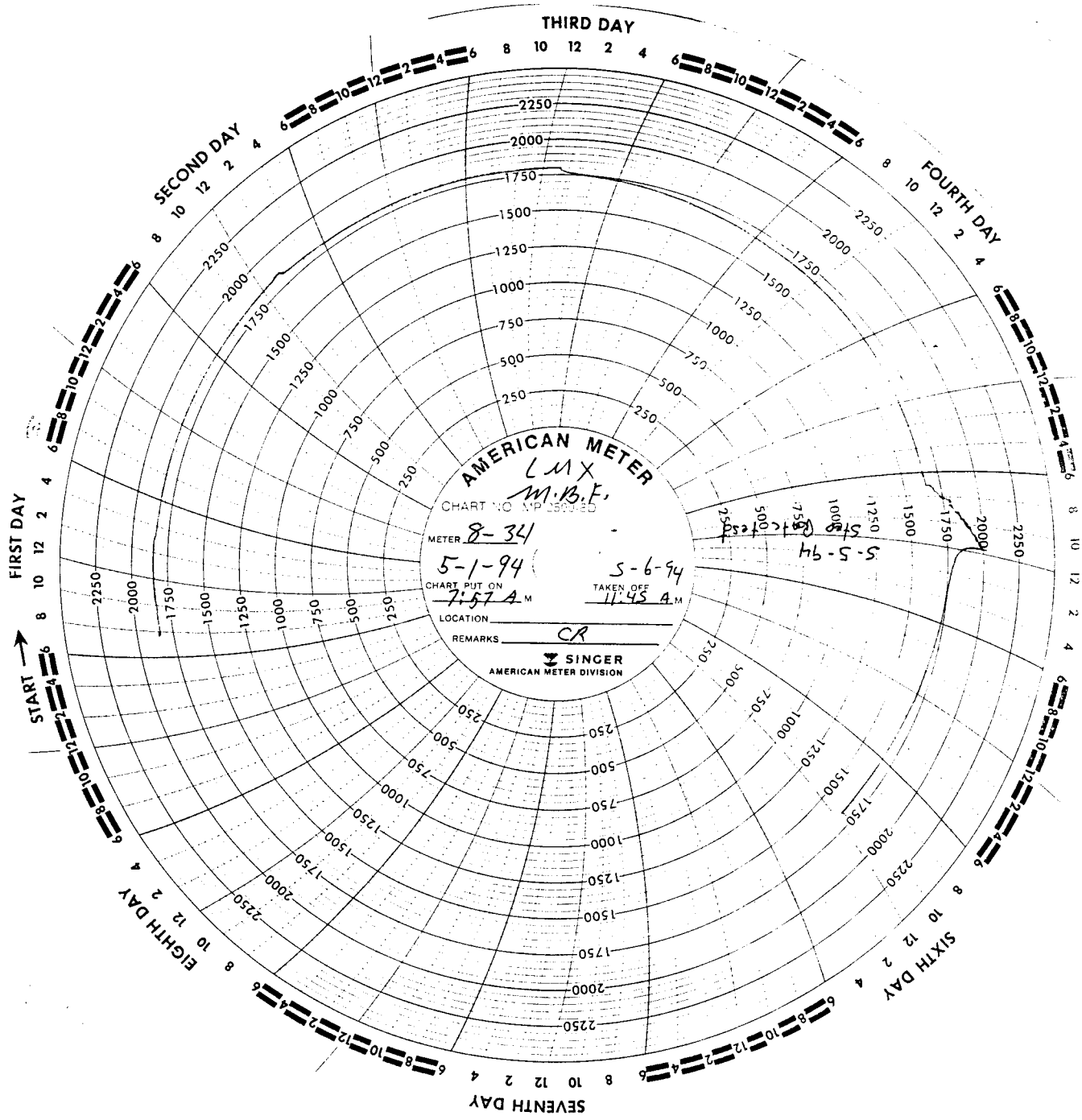
Enclosures

/kj

MONUMENT BUTTE 8-34

STEP RATE TEST (5/5/94)

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LOMAX EXPLORATION COMPANY

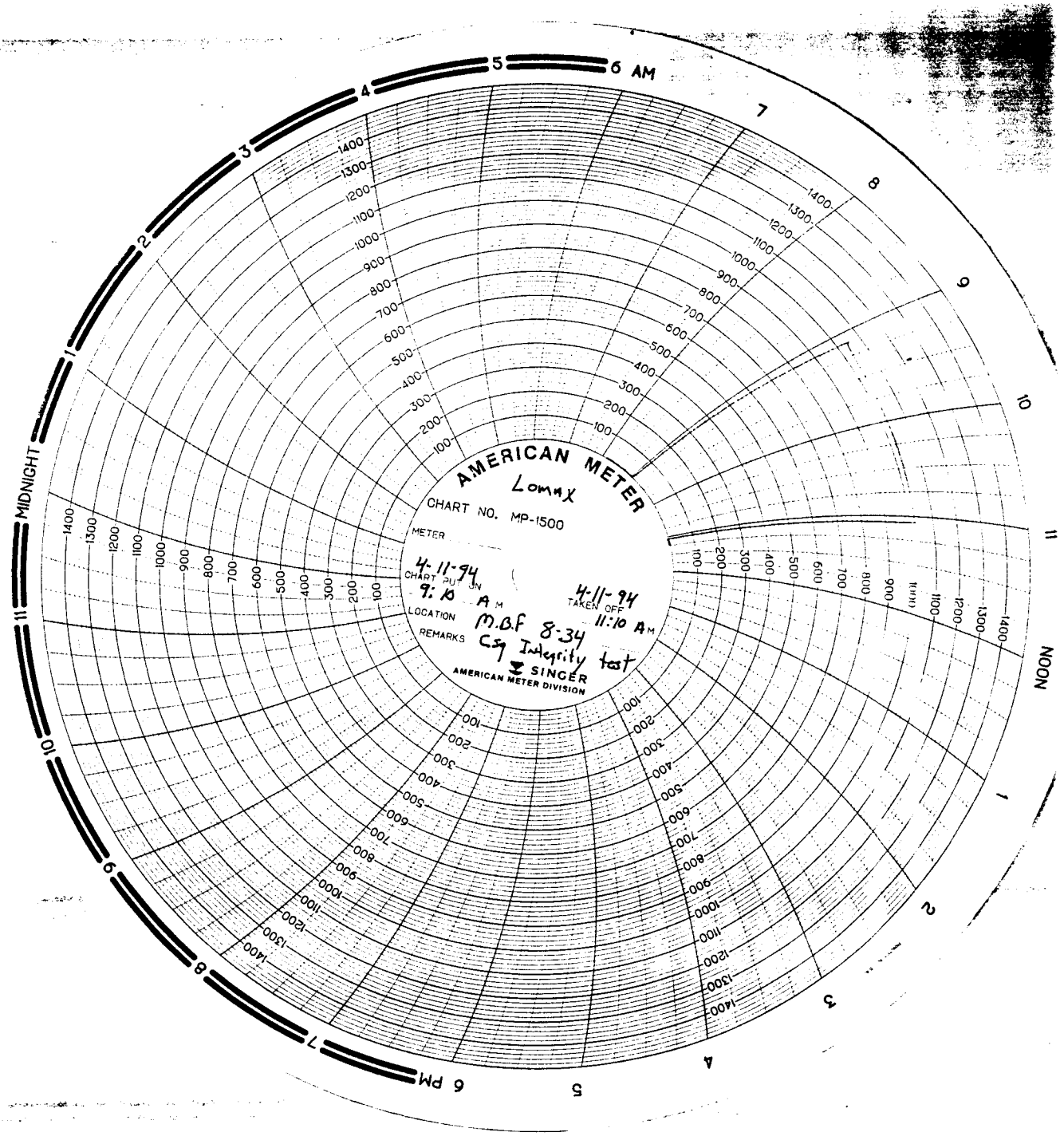
MONUMENT BUTTE FEDERAL #8-34
SE/NE SEC. 34, T8S, R16E
DUCHESNE CO., UTAH
API #43-013-30843
MONUMENT BUTTE GREEN RIVER "D" UNIT

CASING INTEGRITY TEST
APRIL 11, 1994

TIME	***TEST***
0 MIN	1040# PSIG
10 MIN	1040#
20 MIN	1030#
30 MIN	1030#
40 MIN	1030#
50 MIN	1030#
60 MIN	1020#
70 MIN	1020#
80 MIN	1020#
90 MIN	1020#
100 MIN	1020#
110 MIN	1020#
120 MIN	1020#

TUBING PRESSURE WAS 0#

TEST CONDUCTED BY - JODY LIDDELL W/ LOMAX EXPLORATION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MIDNIGHT
6 AM
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AFFIDAVIT OF PUBLICATION

County of Duchesne,

STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 29 day of March, 1994, and that the last publication of such notice was in the issue of such newspaper dated the 29 day of March, 1994.

Subscribed and sworn to before me this 1 day of April, 1994

Jean Ercanbrack

Notary Public

JEAN ERCANBRACK
NOTARY PUBLIC · STATE of UTAH
130 NORTH SKYLINE (55-5)
ROOSEVLT, UT 84066
COMM. EXP. 6-2-96

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-148

IN THE MATTER OF THE APPLICATION OF LOMAX EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT FEDERAL #8-34 WELL LOCATED IN SECTION 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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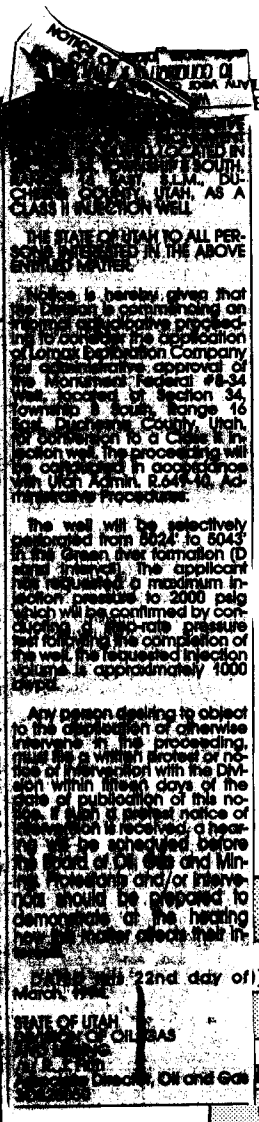
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of interventions is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 22nd day of March 1994.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING. R.J. FIRTH, Associate Director, Oil and Gas

Published in the Uintah Basin Standard March 29, 1994



143 SOUTH MAIN ST.
P.O. BOX 45838
LT LAKE CITY, UTAH 84145
ED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune (NA) DESERET NEWS

LEGAL ADV[illegible]ISING INVOICE

GIL
FYF

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 W NO TEMPLE, #350 SALT LAKE CITY, UT 84180	LE-5385340	03/28/94

FOR BILLING INFORMATION
CALL (801) 237-2822

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTIONCAUSE NO. UIC-148BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS,DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCURATION IN UTAH,AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON MAR 28 1994

SIGNATURE

DATE 03/28/94

ACCOUNT NAME	TELEPHONE
DIV OF OIL, GAS & MINING	801-538-5340
SCHEDULE	AD NUMBER
MAR 28 1994	30820050

CUST. REF. NO.	CAPTION	MISC. CHARGES
CAUSE #UIC-148	NOTICE OF AGENCY ACTIONCAUSE NO. UIC-148BEFOR	.00

SIZE	TIMES	RATE	AD CHARGE
76 LINES 1 COLUMN	1	1.64	124.64

DUE AND PAYABLE ON RECEIPT OF THIS INVOICE — TOTAL AMOUNT DUE 124.64

THANK YOU FOR USING LEGAL ADVERTISING.

PLEASE REMOVE THIS STUB

PLEASE RETURN THIS PORTION

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE

LEGAL ADVERTISING ADV06-NT

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	30820050	03/28/94	124.64

LEGAL ADVERTISING

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

DIV OF OIL, GAS & MINING
355 W NO TEMPLE, #350
SALT LAKE CITY, UT 84180

5807

COPY

07631770620050900000000000012464187428817311610111111111111123575

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

August 10, 1994

Lomax

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Monument Butte Federal #8-34
SE/NE Sec. 34, T8S, R16E
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notice and Report of Wells" report, converting the above referenced well to a water injection well. I have also enclosed a copy of the chronological report of the conversion and a down hole diagram of the well after conversion.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

Brad Mecham

Brad Mecham
Regional Production Manager

/kj

Enclosures

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-16535
8368806800

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Monument Butte GR "D"

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Water Injector

8. Well Name and No.
MONUMENT BUTTE #8-34

2. Name of Operator
LOMAX EXPLORATION

9. API Well No.
43-013-30843

3. Address and Telephone No.
P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

10. Field and Pool, or Exploratory Area
Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
701' FEL 2059' FNL Sec. 34, T8S, R16E SE/NE

11. County or Parish, State
Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
	☐ Recompletion	☐ New Construction
☐ Subsequent Report	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
☐ Final Abandonment Notice	☐ Altering Casing	☒ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports that the referenced well was converted to injection as follows:

3/22/94 - POOH w/ tbg, breaking & redoping collars w/ teflon dope

3/23/94 - Set 5½" pkr @ 4974' in 13,000# tension. Test csg to 1200# - held. Wait for final approval for injection

4/11/94 - Conduct casing integrity test

4/19/94 - Put well on injection @ 10:00 A.M.

14. I hereby certify that the foregoing is true and correct

Signed Brad Mecham Title Production Manager Date August 10, 1994

Brad Mecham

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

MONUMENT BUTTE FEDERAL #8-34
SE/NE Sec. 34, T8S, R16E
Duchesne County, Utah

CONVERSION TO WATER INJECTION

B & B WELL SERVICE

(DAY 1)

3/22/94
Present Operation: RIH w/casing scraper.
Remarks: 3/21/94 - MI & RU - B & B Well Service. RU hot oil truck to csg, pump 140 bbls water w/ 10 gals Well Aid 314. Jar on pump to unseat. Flush tbg w/ 50 bbls, POOH & lay down polish rod, 1-6' pony and 94 - 3/4" scrapered rods, 100 - 3/4" plain rods, 4 weight rods, 1 - 1/2" THD pump. Change over for tbg, NDWH. Release anchor, NUBOPS. RU floor and tongs, SDFN.

(DAY 2)

3/23/94
Present Operation: RIH w/ BHA
Remarks: 3/22/94 - POOH & lay down anchor and seat nipple. Make up csg scraper, RIH to 5220'. POOH w/ tbg, breaking and redoping collars with Teflon dope. Lay down scraper, SDFN.

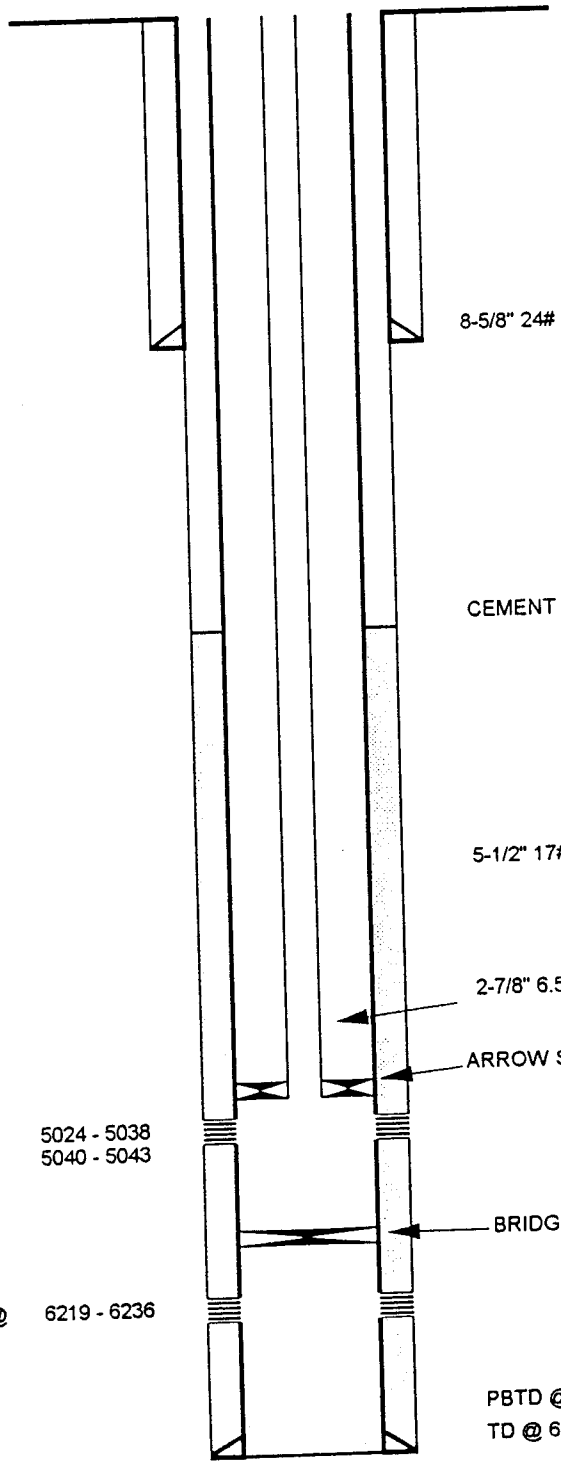
(DAY 3)

3/24/94
Present Operation: Wait on final approval for injection
Remarks: 3/23/94 - Make up 5 1/2" Arrow Set I PKR. RIH w/ 158 jts and set pkr. Rig up hot oil truck to tbg, pressure tbg up to 2000# to test BP - held. Release pkr, pull above perfs, leaving 151 jts tbg in hole. NDBOPS. Displace 70 bbls wtr w/ pkr fluid down csg. Set pkr in 13,000# tension @ 4974'. NUWH, pressure csg to 1200# - held. RDSU & MOL. Wait for final approval to place well on injection.

8-34INJ.DHD

MONUMENT FEDERAL #8-34

SE/NE SECTION 34, T8S, R16E
DUCHESNE COUNTY, UTAH



BM 4/15/94

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 15, 1994

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

Re: Monument Federal #8-34 Well, Section 34, Township 8 South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Lomax Exploration Company.

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

ldc
cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL

PERMIT

Cause No.: UIC-148

API No.: 43-013-30843

Well Name/Number: Monument Federal #8-34

Operator: Lomax Exploration Company

Well Type: Enhanced Recovery (waterflood)

Location: **Section** 34 , **Township** 8S, **Range** 16E, **County:** Duchesne

Approval Date: April 15, 1994

PERMIT CONDITIONS

Maximum Allowed Injection Pressure: 2000 psig

Maximum Allowed Injection Rate: 1000 bbls per day

Stipulations of Approval

None

Approved:

R.J. Firth

Date 15 April '94.

R.J. Firth, Associate Director, Oil and Gas

Lomax Exploration Company

A subsidiary of Inland Resources Inc.

LOMAX

Announcing

Our Name Change

From

Lomax Exploration Company

To

Inland Production Company

*N5160 assigned 7/26/95. Lee

Field And Corporate Office Locations Remain The Same:

Corporate Office:
Inland Resources Inc.
475 Seventeenth Street, Suite 1500
Denver, CO 80202

Field Office:
W. Pole Line Road
P.O. Box 1446
Roosevelt, Utah 84066

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3100
SL-065914 et al
(UT-923)

NOTICE

Inland Production Company	:	Oil and Gas Leases
475 Seventeenth St., Ste. 1500	:	SL-065914 et al
Denver, Colorado 80202	:	

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.
Hartford Plaza
Hartford, CT 06115

bc: Moab District Office
Vernal District Office
Montana State Office
Wyoming State Office
Eastern States Office
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180
Teresa Thompson (UT-922)
Dianne Wright (UT-923)

EXHIBIT

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088

Lomax Exploration Company
A subsidiary of Inland Resources Inc.

LOMAX

July 13, 1995

State of Utah Department of Natural Resources
Attention: Ms Becky Pritchet
355 W. North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

RE: **Corporate Name Change**

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

Chris A Potter, CPL
Manager of Land

file:g\chris\cp4041a.doc

The State of Texas

Secretary of State

JUNE 30, 1995

MIKE PARSONS...GLAST,PHILLIPS & MURRAY
2200 ONE GALLERIA TWR,13355 NOEL RD.LB48
DALLAS ,TX 75240-6657

RE:
INLAND PRODUCTION COMPANY
CHARTER NUMBER 00415304-00

IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,

Antonio O. Garza, Jr., Secretary of State

The State of Texas

Secretary of State

CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY
CHARTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS, HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995

Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF LOMAX EXPLORATION COMPANY

FILED
In the Office of the
Secretary of State of Texas
JUN 29 1995
Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. Name. The name of the corporation is LOMAX EXPLORATION COMPANY.

2. Statement of Amendment. The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

3. Shareholders. The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.

4. Adoption by Shareholders. Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.

5. Adoption by Board of Directors. The Board of Directors adopted said amendment by a consent in writing signed by all Directors.

6. Future Effective Date. This amendment will become effective on July 1, 1995, at 12:01 a.m.

EXECUTED June 26, 1995.

Kyle R. Miller, President

S:\CLIENT-N\09004\10\LOMAX_AMD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: _____

Field or Unit name: MONUMENT BUTTE (GREEN RIVER"D") UNIT API no. _____

Well location: QQ ____ section ___ township 8S & 9S range 16E county Duchesne

Effective Date of Transfer: June 29, 1995

CURRENT OPERATOR

Transfer approved by:

Name Chris A Potter Company Lomax Exploration Company

Signature [signature] Address 475 17th Street, Ste 1500

Title Attorney-in-Fact Denver, Colorado 80202

Date August 1, 1995 Phone (303) 292-0900

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A Potter Company Inland Production Company

Signature [signature] Address 475 17th Street, Ste 1500

Title Attorney-in-Fact Denver, Colorado 80202

Date August 1, 1995 Phone (303) 292-0900

Comments:

(State use only)
Transfer approved by [signature] Title Environ. Manager

Approval Date 8-7-95

FAX COVER SHEET

Inland
RESOURCES INC.
475 17th Street, Suite 1500
Denver, CO 80202
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

RE: Transfer of Authority to Inject
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: (GIL)
1-~~LEC~~ 7-PL
2-LWP 8-SJ
3-~~DTS~~ 9-FILE
4-VLC
5-RJF
6-LWP

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95 (MERGER))

TO (new operator)	**INLAND PRODUCTION COMPANY**	FROM (former operator)	**LOMAX EXPLORATION COMPANY**
(address)	**PO BOX 1446**	(address)	**PO BOX 1446**
	ROOSEVELT UT 84066		**ROOSEVELT UT 84066**
	KEBBIE JONES		**KEBBIE JONES**
	phone (**801**) **722-5103**		phone (**801**) **722-5103**
	account no. **N 5160**		account no. **N 0580**

Well(s) (attach additional page if needed):

Name: ****SEE ATTACHED****	API: 013-30843	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-14-95)

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

Lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____. (7-28-95)

Lec 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-31-95)

LWP 6. Cardex file has been updated for each well listed above. 8-16-95

LWP 7. Well file labels have been updated for each well listed above. 8-22-95

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (7-31-95)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Trust Lands Admin. / Rider or Repl. in Progress.

N/A/Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files.

___ 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

OTS 2. Copies of documents have been sent to State Lands for changes involving **State leases.** 8/23/95 Sent to Ed Bonner

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: August 30 19 95.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950726 Blm/SL Aprv. eff. 6-29-95.

WE71/34-35

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN	COUNT
LOMAX	4-35/43-013-30605	MONUMENT BUT	08S	16E	35	INJW	U16535	N
LOMAX	43-013-30624	STATE 5-36	08S	16E	36	INJW	ML22061	N
LOMAX	43-013-30592	STATE 1-36	08S	16E	36	INJW	ML22061	N
LOMAX	43-013-30787	12-32	08S	17E	32	INJW	ML22060	Y
LOMAX	43-013-30779	FED.15-28	08S	16E	28	INJW	U26026A	N
LOMAX	43-013-31372	14A-28	08S	16E	28	INJW	~~U68528A~~	N UTSL071572A
LOMAX	13-32/43-013-31403	GILSONITE ST	08S	17E	32	INJW	ML22060	Y
LOMAX	43-013-30658	GILSONITE 7-32	08S	17E	32	INJW	ML-22060	Y
LOMAX	8-34/43-013-30843	MONUMENT BUT	08S	16E	34	INJW	U16535	Y
LOMAX	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	U34173	N
LOMAX	15-35/43-013-31264	MONUMENT FED	08S	16E	35	INJW	U16535	N
LOMAX	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	U16535	N
LOMAX	2-35/43-013-30606	MONUMENT BUT	08S	16E	35	INJW	U16535	N
LOMAX	3-35/43-013-30608	MONUMENT BUT	08S	16E	35	INJW	U16535	N
LOMAX	13-35/43-013-30745	MONUMENT BUT	08S	16E	35	INJW	U16535	N

DOGM Form 5
May 5, 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-16535

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

OIL WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME
NA

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME
MONUMENT FEDERAL 8-34

3. ADDRESS OF OPERATOR
Route 3, Box 3630, Myton Utah 84052
(435-646-3721)

9. WELL NO.
MONUMENT FEDERAL 8-34

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SE/NE 2059 FNL 0701 FEL

10 FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/NE Section 34, T08S R16E

14 API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12 COUNTY OR PARISH	13 STATE
43-013-30843	**5600 GR**	**DUCHESNE**	**UT**

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) **Perform 5 year MIT**	[ ]
(OTHER)	[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The MIT was conducted on the subject well to satisfy the five year MIT. On 6-7-00 the casing was pressured up to 950 psi and charted for thirty minutes with no leak off. Mr. Dennis Ingram with the DOGM was in attendance and approved the test.

Accepted by the Utah Division of Oil, Gas and Mining

18 I hereby certify that the foregoing is true and correct
SIGNED Rod Bird TITLE Production Foreman DATE 6/7/00

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

* See Instructions On Reverse Side

RECEIVED
JUN 09 2000
DIVISION OF OIL, GAS AND MINING

Mechanical Integrity Test
Casing or Annulus Pressure Test

Inland Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Dennis Ingram **Date** 6/7/00 **Time** 8:00 (am) pm
Test Conducted by: Roy Liddell
Others Present:

Well: Monument Butte 8-34-8-16 **Field:** Monument Butte
Well Location: SE/NE sec 34, T8S, R16E **API No:** 43-013-30843
Duchesne Co, UT

Time	Casing Pressure	
0 min	950	psig
5	950	psig
10	950	psig
15	950	psig
20	950	psig
25	950	psig
30 min	950	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1950 psig Injecting @ 21.74 BPD

Result: (Pass) Fail

RECEIVED
JUN 09 2000
DIVISION OF
OIL, GAS AND MINING

Signature of Witness: Dennis Ingram
Signature of Person Conducting Test: Roy Liddell

12 NIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
11 P.M.
PRESSURE
DIFFERENTIAL
TEXAS INSTRUMENT ENGINEERS
MBF 8-24-10
M.T.
METER NUMBER
TIME PUT ON
8:00 A.M.
DATE PUT ON
6-7-60
TUBE & ORIF. SIZE
TIME TAKEN OFF
8:32 A.M.
DATE TAKEN OFF
6-7-60
MW-M2500-H
2300 W100
SIGNED

DOGM Form 5
May 5, 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-16535

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

OIL WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME
NA

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME
MONUMENT FEDERAL 8-34-8-16

3. ADDRESS OF OPERATOR
Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

9. WELL NO.
MONUMENT FEDERAL 8-34-8-16

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SE/NE Section 34, T08S R16E
2059 FNL 701 FEL

10 FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/NE Section 34, T08S R16E

14 API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12 COUNTY OR PARISH	13 STATE
43-013-30843	**5600 GR**	**DUCHESNE**	**UT**

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) [x] **Conversion to Production**	
(OTHER)	[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 1/16/01 the subject well was changed from injection to a producing status. The injection packer was removed and the production assembly was run in the hole. The well was put on to production 5/7/01.

18 I hereby certify that the foregoing is true and correct

SIGNED Krisha Russell TITLE Production Clerk DATE 5/9/01
Krisha Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
MAY 10 2001
DIVISION OF
OIL, GAS AND MINING

*** See Instructions On Reverse Side**

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: MON Butte Fed 8-34-8-16 API Number: 43-013-30843

Qtr/Qtr: SE/NE Section: 34 Township: 8S Range: 16E

Company Name: INLAND PRODUCTION COMPANY

Lease: State _____ Fee _____ Federal U-16535 Indian _____

Inspector: Dennis L Ingram Date: 06-07-00

Initial Conditions:

Tubing - Rate: _____ Pressure: 1950 psi

Casing/Tubing Annulus - Pressure: 950 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	950 PSI	1950 PSI
5	"	1950 "
10	"	1950 "
15	"	1950 "
20	"	1950 "
25	"	1950 "
30	"	1950 "

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1950 psi

Casing/Tubing Annulus Pressure: 950 psi

COMMENTS: Tested for 5 year rule. Injecting @ 21.74 BPD. Chart dropped from 1000PSI To 950 in first few minutes of test then leveled off. However gauge showed 1000psi Throughout test, no drop. Tested @ 8:00AM

Roy Liddell
Operator Representative

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B A	99999	12391	43-013-32228	Boundary #1-27-8-17	NE/NE	27	8S	17E	Duchesne	May 10, 2001	05/10/01

WELL 1 COMMENTS:
5-31-01

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B A	99999	12391	43-013-32226	Boundary #12-27-8-17	NW/SW	27	8S	17E	Duchesne	May 18, 2001	05/18/01

WELL 2 COMMENTS:
5-31-01

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	10835	43-013-30843	Mon. Butte #8-34-8-16	SE/NE	34	8S	16E	Duchesne	February 28, 1984	05/07/01

WELL 3 COMMENTS

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 4 COMMENTS

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature: Kebbie S. Jones
Production Clerk — May 31, 2001
Title — Date

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UT U-16535

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
MONUMENT BUTTE UNIT

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

RECEIVED
JAN 0 3 2003
DIV. OF OIL, GAS & MINING

8. Well Name and No.
MONUMENT FED 8-34

9. API Well No.
43-013-30843

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UTA

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2059 FNL 0701 FEL SE/NE Section 34, T8S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Re-completion	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Re-completion procedures were initiated in the Green River formation on subject well on 12/13/2002. Existing production equipment was pulled from well. Perfs @ 5024'-5038' and 5040'-5043' were squeezed W/ 100 sks class G cmt W/ .75% FL-62 & .2% SMS (1.15 cf/sk yld & 15.8 ppg). Cement retainer & cmt was drilled out. Squeeze was pressure tested to 500 psi (held). CIBP @ 5610' was drilled out and well was cleaned out to PBTD @ 6245'. Four new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP .5 sds @ 5911'-5919', CP1 sds @ 5947'-5962', CP2 sds @ 5996'-5999', CP3 sds @ 6011'-6015', 6024'-6028' & 6031'-6034', CP4 sds @ 6088'-6094' and BS @ 6219'-6236' (existing perfs originally @ 1 JSPF), 6246'-6252' & 6267'-6273' (All @ 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 197,938# 20/40 mesh sand in 1482 bbls Viking I-25 fluid. Stage #2: A .5 sds @ 5444'-5450', A3 sds @ 5502'-5521', LODC sds @ 5596'-5603' & 5629'-5634' (All @ 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 99,421# 20/40 mesh sand in 737 bbls Viking I-25 fluid (screened out W/ approx. 93,076# sand in formation). Stage #3: C sds @ 5190'-5193' & 5203'-5207', B1 sds @ 5258'-5261' & 5279'-5284' and B2 sds @ 5340'-5344' (All @ 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 60,044# 20/40 mesh sand in 472 bbls Viking I-25 fluid. Stage #4: GB2 sds @ 4432'-4436' and GB6 sds @ 4570'-4577' (All @ 4 JSPF) fraced down 5 1/2" 15.5# casing W/ 26,820# 20/40 mesh sand in 263 bbls Viking I-25 fluid. All fracs were flowed back through chokes. Sand was cleaned from wellbore. Frac tbg & tools were pulled from well. New zones were swab and flow tested for sand cleanup. A revised BHA & production tbg string was ran in and anchored in well W/ tubing anchor @ 6124', pump seating nipple @ 6157' and end of tubing string @ 6225'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well returned to production via rod pump on 12/30/02.

14. I hereby certify that the foregoing is true and correct

Signed Gary Dietz Title Completion Foreman Date 1/2/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

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63098A
68528A
72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) | Designation of Agent/Operator

X Operator Name Change | **Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:** **MONUMENT BUTTE (GR D)**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 1-34	34	080S	160E	4301330808	10835	Federal	WI	A
MONUMENT FED 8-34	34	080S	160E	4301330843	10835	Federal	OW	P
MONUMENT FED 10-34	34	080S	160E	4301331371	10835	Federal	OW	P
MON FED 9-34	34	080S	160E	4301331407	10835	Federal	WI	A
FEDERAL 1-35	35	080S	160E	4301330561	10835	Federal	OW	P
FEDERAL 4-35	35	080S	160E	4301330605	10835	Federal	WI	A
FEDERAL 2-35	35	080S	160E	4301330606	10835	Federal	WI	A
FEDERAL 3-35	35	080S	160E	4301330608	10835	Federal	WI	A
FEDERAL 5-35	35	080S	160E	4301330686	10835	Federal	WI	A
FEDERAL 12-35	35	080S	160E	4301330744	10835	Federal	OW	P
MON FED 13-35	35	080S	160E	4301330745	10835	Federal	WI	A
FEDERAL 6-35	35	080S	160E	4301330751	10835	Federal	OW	P
FEDERAL 10-35	35	080S	160E	4301330801	10835	Federal	OW	P
FEDERAL 14-35	35	080S	160E	4301330812	10835	Federal	OW	P
MONUMENT FED 8-35	35	080S	160E	4301331263	10835	Federal	OW	P
MON FED 15-35	35	080S	160E	4301331264	10835	Federal	WI	A
STATE 1-36	36	080S	160E	4301330592	10835	State	WI	A
STATE 13-36	36	080S	160E	4301330623	10835	State	WI	A
STATE 5-36	36	080S	160E	4301330624	10835	State	WI	A
STATE 12-36	36	080S	160E	4301330746	10835	State	OW	P
STATE 1-2	02	090S	160E	4301330596	10835	State	WI	A
STATE 3-2	02	090S	160E	4301330627	10835	State	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-16535

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: MONUMENT FED 8-34

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013308430000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2059 FNL 0701 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 34 Township: 08.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 10/9/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/08/2013. On 10/08/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/09/2013 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 17, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 10/10/2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 10 / 9 / 2013 **Time** 9:00 (am) pm

Test Conducted by: Kim Giles

Others Present: Troy Lazenby

Conversion

Well: ~~Monument Butte Federal~~ 8-34-8-16 **Field:** Monument Butte

Well Location: SE/NE Sec. 34, T8S, R16E **API No:** 43-013-30843

Duchesne County Utah

Time	Casing Pressure	
0 min	1375	psig
5	1375	psig
10	1375	psig
15	1375	psig
20	1375	psig
25	1375	psig
30 min	1375	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

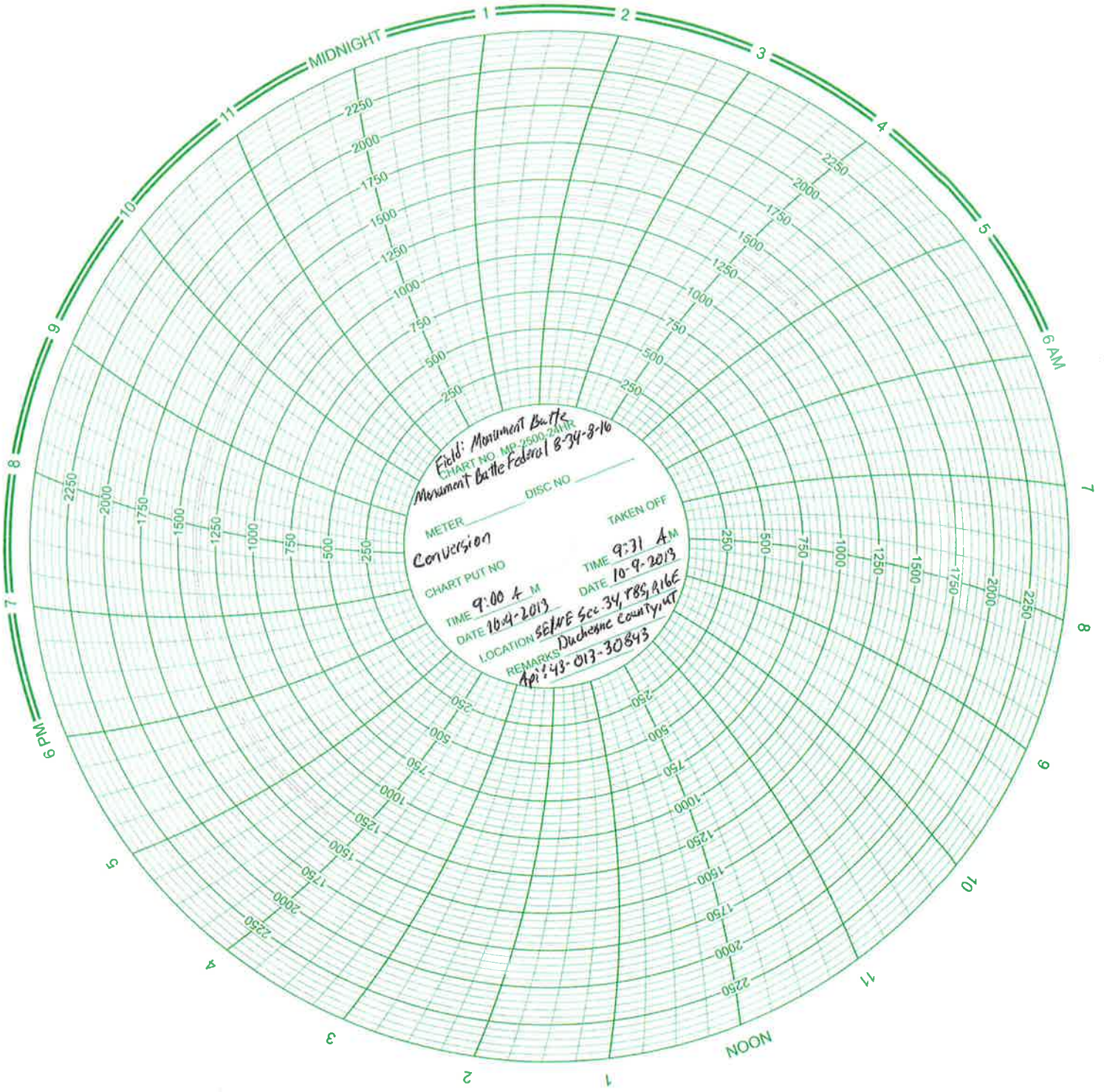
Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: Kim Giles

Sundry Number: 43705 API Well Number: 43013308430000



Day 1

NEWFIELD	Final Daily Workover Report			Well Name:	MON 8-34-8-16
	LOE			AFE:	
				Report Date:	10/4/2013
				Operation:	FLUSHED CSG W/60 BBLS @ 250 DEGREES
Field:	GMBU CTB4	Rig Name:		Work Performed:	10/1/2013
Location:	S34 T8S R16E	Supervisor:	David Cloward	Day:	1
County:	DUCHESNE	Phone:	435- 823-0012	Daily Cost:	$14,645
State:	UT	Email:	dcloward@newfield.com	Cum DWR:	$14,645
Reason for Workover:	Conversion				

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5

Summaries

24 Hr. Summary:	RD PU JARRED ON ROD STRING TELL PUMP CAME FREE LD POLISH ROD						
24 Hr. Plan Forward:	CONTINUE CONVERSION						
Incidents	None	Newfield Pers:	1	Contract Pers:	5	Conditions:	

Activity Summary

P: RU RIG FLUSHED CSG 60 BBLS @250 DEGREES, RD PU JARRED ON ROD STRING TELL PUMP CAME FREE LD POLISH ROD, 2 RODS, PU POLISHED ROD FLUSHED TBG W/ 40 BBLS@ 250 DEGREES LD POLISH ROD PU THREE RODS SOFT SEATED PUMP SIWFN SHUT DOWN DUE TO RIG MAINTAINCE, RIG MAINTAINCE.

Activity Summary

P: CREW TRAVEL JSA SAFETY MEETING RIG MAINTAINCE LD 1-1/2' POLISH RODS, 2-7/8"X8' PONY RODS, 4-PER GUIDED RODS 106- 3/4" SLICK SUCKER RODS, 45-3/4" 4-PER GUIDED RODS, 6-1/2" C(API) WT BARS, 1-SUCKER PUMP ON TRAILER FLUSHING AND INSPECTION RODS COMING OUT OF HOLE SIWFN.

P:

Activity Summary

P: CREW TRAVEL JSA SAFETY MEETING RD PU, ND WH, NU BOPS, RD RIG FLOOR RELEASED TAC, TOOH 134 JTS TBG BREAKING AND RE- DOPING EVERY CONNECTION W/ LIQUID O-RING GREEN DOPE WAITED ON RUNNERS FOR TBG LAY DOWN TRAILER LD 53 JTS TBG ON TRAILER TIH 134 JTS TBG, PUMPED 10 BBLS DOWN TBG , DROPPED SV CHASED W/ 25 BBLS PRESSURED UP TBG TO 500 PSI SIWFN

Activity Summary

P: CREW TRAVEL JSA SAFETY MEETING PT TBG UP TO 3K PSI HELD 100% FOR 30 MIN. GOOD TEST RIH W/ SL RETRIEVED SV POOH SL RU RIG FLOOR ND BOPS NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID DOWN CSG SET PKR LOADED CSG W/ PKR FLUID PT CSG TO 1400 PSI HELD 100% FOR 30 MIN. GOOD TEST RD RIG PRE-TRIP INSPECTION

Activity Summary

9:00 AM - 9:30 AM; ***0.5 Hr(s);*** P: On 10/08/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/09/2013 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

					0	0	
					0	0	
					0	0	
					0	0	
					0	0	

Monument Butte Fed. 8-34-8-16

Spud Date: 2/28/1984
Put on Production: 3//1984
Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
GL: 5617' KB: 5627'

Initial Production: 35 BOPD,
139 MCFD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

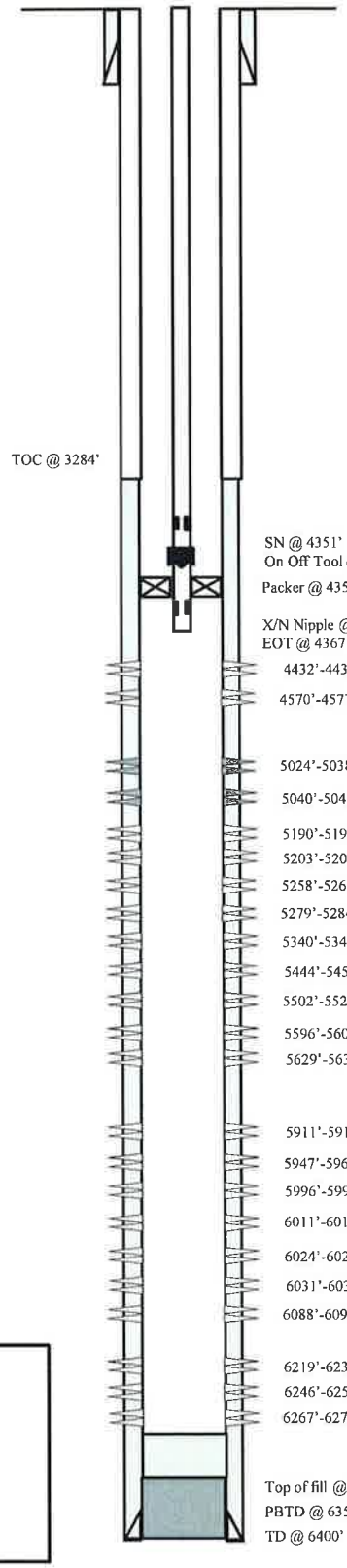
CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 6 jts. (279')
DEPTH LANDED: 302'
HOLE SIZE:12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 / 17#
LENGTH: 161 jts. (6388')
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal.
CEMENT TOP AT: 3284' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 134 jts. (4337')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4351' KB
ON/OFF TOOL AT: 4352.1'
ARROW #1 PACKER CE AT: 4357.3'
SWEDGE AT: 4360.9'
TBG PUP 2-3/8 J-55 AT: 4361.4'
X/N NIPPLE AT: 4365.5'
TOTAL STRING LENGTH: EOT @ 4367.34'



FRAC JOB

4/05/84	5024'-5043'	**Frac D1 sand as follows:** 89,500# 20/40 sand in 655 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 31 BPM. ISIP 2160 psi. Flushed to perfs.
10/09/90	5024'-5043'	**Reperf D1 zone.**
10/13/90		**Acidize D1** w/ 100 gal 15% HCl + 60% N2.
4/19/94		**Put on Injection.**
4/18/01		**Convert to producer.**
12/18/02	5024'-5043'	**Squeezed perfs**
12/18/02	5911'-6273'	**Frac BS and CP sands as follows:** 197,938# 20/40 sand in 1005 bbls Viking I-25 fluid. Treated @ avg. pressure of 3330 psi w/avg. rate of 15.2 BPM. ISIP - 2200 psi. Calc. flush: 1562 gals. Actual flush: 1437 gals.
12/20/02	5444'-5634'	**Frac A and LODC sands as follows:** 93,076# 20/40 sand in 512 bbls Viking I-25 fluid. Treated @ avg. pressure of 3950 psi w/avg. rate of 15.0 ISIP - 3700 psi. Calc. flush: 1451 gals. Actual flush: 42 gals.
12/21/02	5190'-5344'	**Frac B and C sands as follows:** 60,044# 20/40 sand in 305 bbls Viking I-25 fluid. Treated @ avg. pressure of 3830 psi w/ avg. rate of 15.0 BPM. ISIP - 2750 psi. Calc. flush: 1365 gals. Actual flush: 1283 gals.
12/22/02	4432'-4577'	**Frac GB sands as follows:** 26,820# 20/40 sand in 121 bbls Viking I-25 fluid. Treated @ avg. pressure of 2550 psi w/avg. rate of 24.5 BPM. ISIP - 3300 psi. Calc. flush: 4432 gals. Actual flush: 3570 gals.
5/18/04		**Stuck Pump.** Update rod detail.
6/24/04		**Stuck Pump.** Update rod detail.
6-19-08		**Parted rods.** Updated rod & tubing details.
1/8/09		**Parted rods.** Updated rod & tubing details.
10/08/13		**Convert to Injection Well**
10/09/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

3/31/84	6219'-6236'	1 JSPF	17 holes
4/04/84	5040'-5043'	1 JSPF	04 holes Squeeze 12/02
4/04/84	5024'-5038'	1 JSPF	14 holes Squeeze 12/02
10/09/90	5040'-5043'	3 JSPF	12 holes
10/09/90	5024'-5038'	3 JSPF	42 holes
12/18/02	6267'-6273'	4 JSPF	24 holes
12/18/02	6246'-6252'	4 JSPF	24 holes
12/18/02	6219'-6236'	5 JSPF	85 holes reperf
12/18/02	6088'-6094'	4 JSPF	24 holes
12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
12/18/02	6011'-6015'	4 JSPF	16 holes
12/18/02	5996'-5999'	4 JSPF	12 holes
12/18/02	5947'-5962'	4 JSPF	92 holes
12/18/02	5911'-5919'	4 JSPF	92 holes
12/18/02	5629'-5634'	4 JSPF	20 holes
12/18/02	5596'-5603'	4 JSPF	28 holes
12/18/02	5502'-5521'	4 JSPF	76 holes
12/18/02	5444'-5450'	4 JSPF	24 holes
12/18/02	5340'-5344'	4 JSPF	16 holes
12/18/02	5279'-5284'	4 JSPF	32 holes
12/18/02	5258'-5261'	4 JSPF	32 holes
12/18/02	5203'-5207'	4 JSPF	16 holes
12/18/02	5190'-5193'	4 JSPF	12 holes
12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. 8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

LCN 10/10/13

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MONUMENT FED 8-34

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013308430000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2059 FNL 0701 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 34 Township: 08.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 10/23/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
☐	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:15 AM on 10/23/2013.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 29, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 10/28/2013

RECEIVED: Oct. 28, 2013

NEWFIELD

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

April 22, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Butte Federal #8-34-8-16
Monument Butte Field, Lease #UTU-16535
Section 34-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #8-34-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Environmental Manager

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

MONUMENT BUTTE FEDERAL #8-34-8-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-16535

APRIL 22, 2013

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #8-34-8-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-16535
Well Location: QQ SENE section 34 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well?. . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-30843

Proposed injection interval: from 4322 to 6350
Proposed maximum injection: rate 500 bpd pressure 2127 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature
Title Environmental Manager Date 4/22/13
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

Monument Butte Fed. #8-34-8-16

Spud Date: 2/28/1984
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Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
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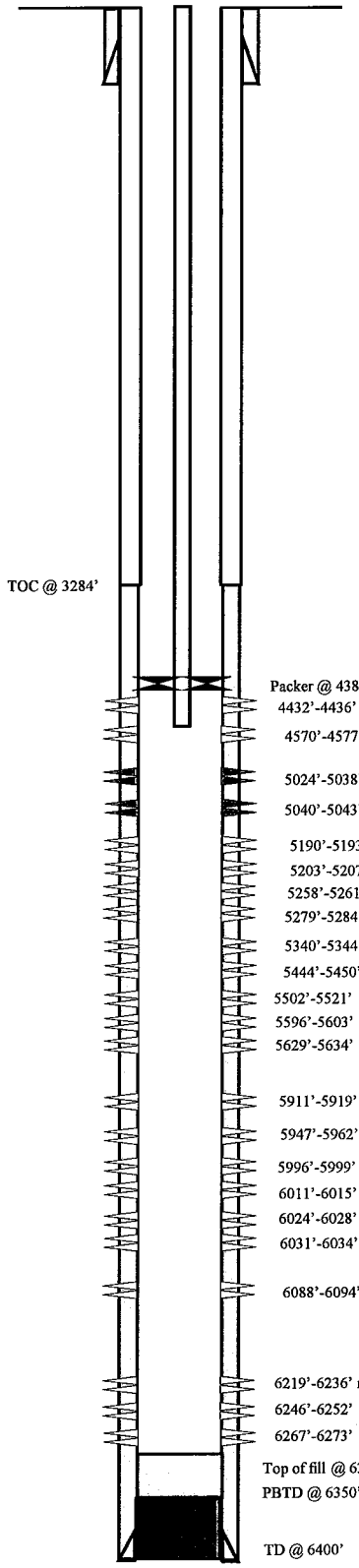
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8" 3.65
CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal.
CEMENT TOP AT: 3284' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 180 jts (5835.60')
TUBING ANCHOR: 5849.60'
NO. OF JOINTS: 2 jts (64.84')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5917.24' KB
NO. OF JOINTS: 5 jts (162.10')
TOTAL STRING LENGTH: EOT @ 6119.43'



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PERFORATION RECORD

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12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
12/18/02	6011'-6015'	4 JSPF	16 holes
12/18/02	5996'-5999'	4 JSPF	12 holes
12/18/02	5947'-5962'	4 JSPF	92 holes
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12/18/02	5190'-5193'	4 JSPF	12 holes
12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. #8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

JL 3/6/2013

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

   2.1 The name and address of the operator of the project.

   Newfield Production Company
   1001 17th Street, Suite 2000
   Denver, Colorado 80202

   2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

   See Attachment A.

   2.3 A full description of the particular operation for approval is requested.

   Approval is requested to convert the Monument Butte Federal #8-34-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

   2.4 A description of the pools from which the identified wells are producing or have produced.

   The proposed injection well will inject into the Green River Formation.

   2.5 The names, description and depth of the pool or pools to be affected.

   The injection zone is in the Green River Formation. For the Monument Butte Federal #8-34-8-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4322' - 6350'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3994' and the TD is at 6400'.

   2.6 A copy of a log of a representative well completed in the pool.

   The referenced log for the Monument Butte Federal #8-34-8-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-16535) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

   See Attachments A and B.

   2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

   The casing program is 8-5/8", 24# surface casing run to 302' KB, and 5-1/2", 15.5# casing run from surface to 6369' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

   See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2127 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Butte Federal #8-34-8-16, for existing perforations (4432' - 5273') calculates at 0.86 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2127 psig. We may add additional perforations between 3994' and 6400'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Butte Federal #8-34-8-16, the proposed injection zone (4322' - 6350') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-23.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

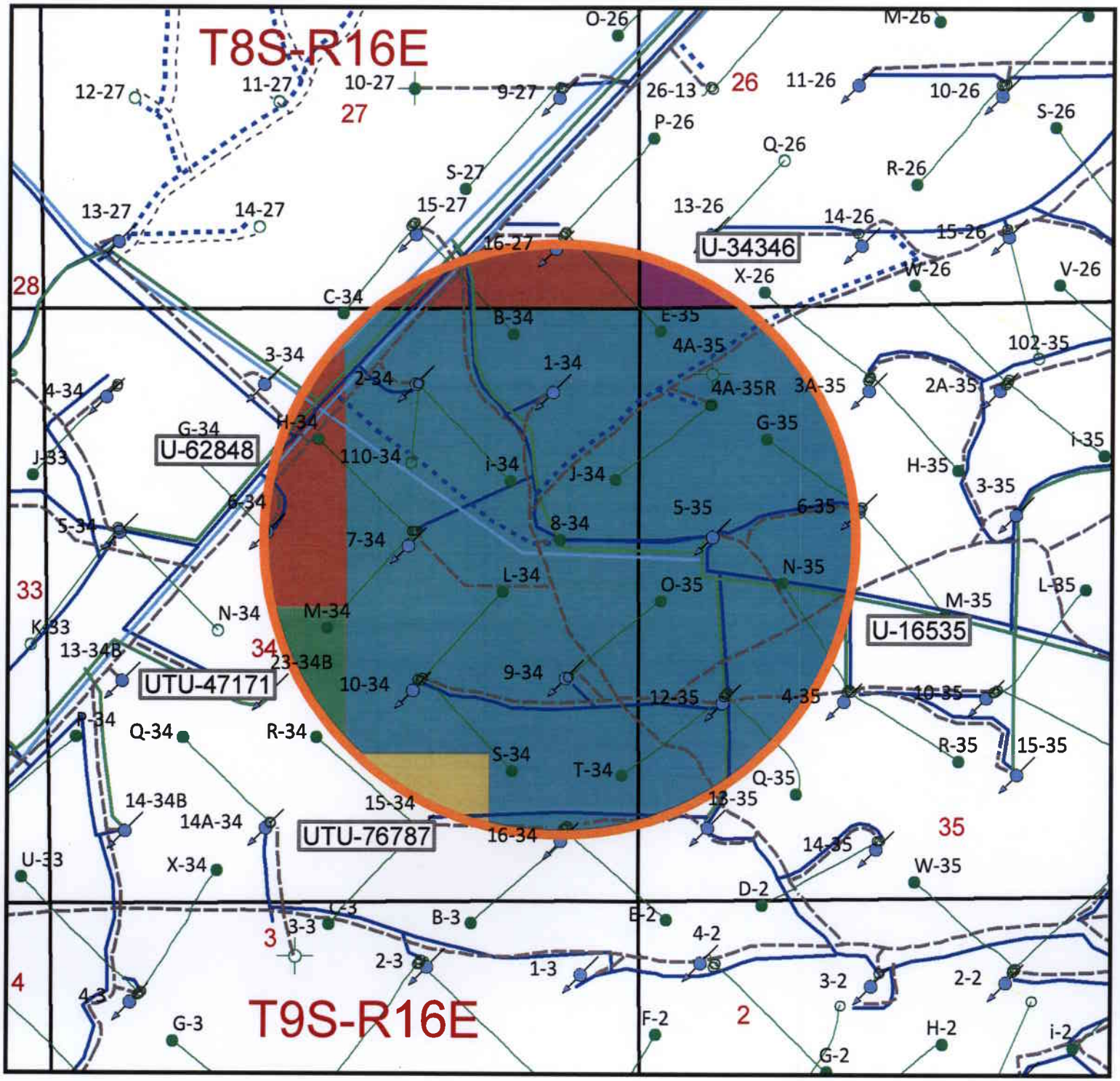
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



Lease
- U-16535
- U-34346
- U-62848
- UTU-47171
- UTU-76787

WellStatus_HalfMile_Buffer

Well Status
- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Countyline

Injection system
- high pressure
- low pressure
- proposed
- return
- return proposed
- Mining tracts

Mon 8-34
Section 34, T8S-R16E

NEWFIELD
ROCKY MOUNTAINS

N

1 in = 1,250 feet

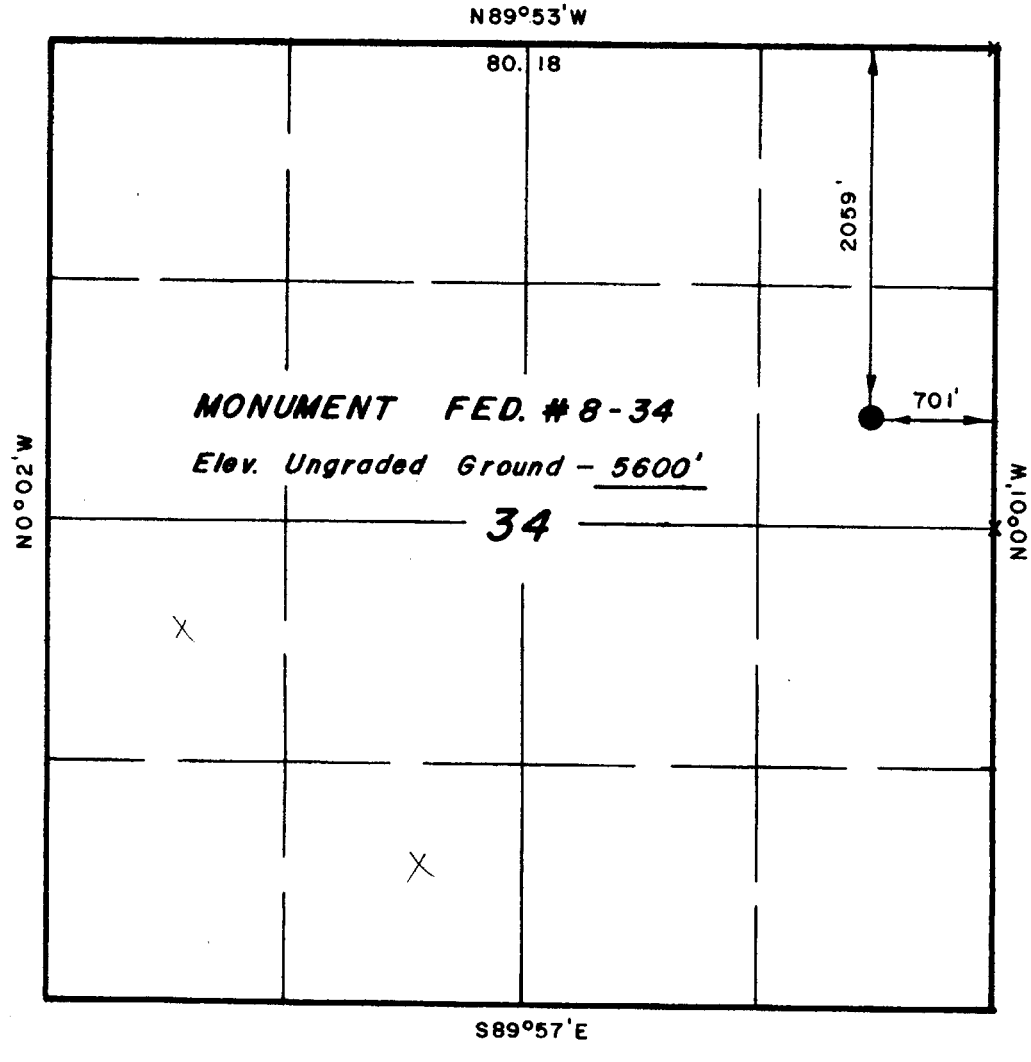
1/2 Mile Radius Map

Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

April 16, 2013

T 8 S, R 16 E, S.L.B.&M.



X = Section Corners Located

PROJECT

LOMAX EXPLORATION

Well location, *MONUMENT FED. #8-34*, located as shown in the SE1/4 NE1/4 Section 34, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

ATTACHMENT A-1

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Richard L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION Nº 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q ~ 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10/17/83
PARTY R.K. J.F. S.B.	REFERENCES GLO Plat
WEATHER Cool	FILE LOMAX

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E Section 34: NE,N2SE, SESE Section 35: All	USA UTU-16535 HBP	Newfield Production Company Newfield RMI LLC Newfield Explor Gulf Coast Inc AGK Energy LLC Marian Brennan Raymond Brennan Chorney Oil Company Raymond Chorney Estate Codvington OG Inc COG Partnership Davis Brothers Davis Resources Beverly Fischgrund James Fischgrund Green River OG Partnership Green River Oil Inc Thomas Ingle Jackson King Oil & Gas of Texas Ltd Jack J Rawitscher Turnkey Pipeline Company War-Gal LLC	USA
2	T8S-R16E Section 34: SWSE	USA UTU - 76787 HBP	Newfield Production Company Newfield RMI LLC James Fischgrund	USA
3	T8S-R16E Section 34: SW	USA UTU -47171 HBP	Newfield Production Company Newfield RMI LLC Chorney Oil Company LOEX Properties 1984	USA

4	T8S-R16E Section 27: S2S2 Section 34: NW	USA UTU - 62848 HBP	Newfield Production Company Raymond Brennan Beverly Fischgrund James Fischgrund Jack H Edwards Inc Thomas Ingle Jackson King Oil & Gas of Texas Ltd	USA
5	T8S-R16E Section 23: SE Section 25: W2nw Section 26: SW, N2SE	USA UTU - 34346 HBP	Newfield Production Company Newfield RMI LLC Citation Oil & Gas Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Butte Federal #8-34-8-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Eric Sundberg
Environmental Manager

Sworn to and subscribed before me this 22nd day of April, 2013.

Notary Public in and for the State of Colorado: Candice L. Kowalski

My Commission Expires: My Commission Expires Feb. 25, 2017

CANDICE L. KOWALSKI
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20094004982
My Commission Expires Feb. 25, 2017

Attachment E

Monument Butte Fed. #8-34-8-16

Spud Date: 2/28/1984
Put on Production: 3//1984
Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
GL: 5617' KB: 5627'

Initial Production: 35 BOPD, 139 MCFD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 6 jts. (279')
DEPTH LANDED: 302'
HOLE SIZE:12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

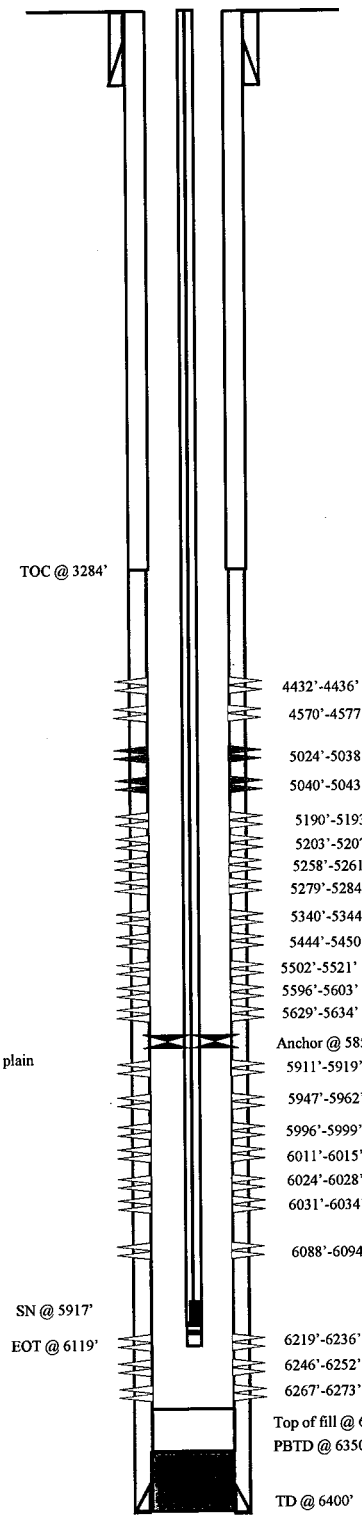
CSG SIZE: 5-1/2" / J-55 / 17#
LENGTH: 161 jts. (6388')
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal.
CEMENT TOP AT: 3284' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 180 jts (5835.60')
TUBING ANCHOR: 5849.60'
NO. OF JOINTS: 2 jts (64.84')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5917.24' KB
NO. OF JOINTS: 5 jts (162.10')
TOTAL STRING LENGTH: EOT @ 6119.43'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 6-1 1/2" weight bars; 63-3/4 guided rods; 73-3/4" plain rods, 89-7/8" guided rods, 2-8', 1-4' x 7/8" Pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 16' RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

4/05/84	5024'-5043'	**Frac D1 sand as follows:** 89,500# 20/40 sand in 655 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 31 BPM. ISIP 2160 psi. Flushed to perfs.
10/09/90		Reperf D1 zone.
10/13/90		Acidize D1 w/ 100 gal 15% HCl + 60% N2.
4/19/94		Put on Injection.
4/18/01		Convert to producer.
12/18/02	5911'-6273'	**Frac BS and CP sands as follows:** 197,938# 20/40 sand in 1005 bbls Viking I-25 fluid. Treated @ avg. pressure of 3330 psi w/avg. rate of 15.2 BPM. ISIP - 2200 psi. Calc. flush: 1562 gals. Actual flush: 1437 gals.
12/20/02	5444'-5634'	**Frac A and LODC sands as follows:** 93,076# 20/40 sand in 512 bbls Viking I-25 fluid. Treated @ avg. pressure of 3950 psi w/avg. rate of 15.0 ISIP - 3700 psi. Calc. flush: 1451 gals. Actual flush: 42 gals.
12/21/02	5190'-5344'	**Frac B and C sands as follows:** 60,044# 20/40 sand in 305 bbls Viking I-25 fluid. Treated @ avg. pressure of 3830 psi w/ avg. rate of 15.0 BPM. ISIP - 2750 psi. Calc. flush: 1365 gals. Actual flush: 1283 gals.
12/22/02	4432'-4577'	**Frac GB sands as follows:** 26,820# 20/40 sand in 121 bbls Viking I-25 fluid. Treated @ avg. pressure of 2550 psi w/avg. rate of 24.5 BPM. ISIP - 3300 psi. Calc. flush: 4432 gals. Actual flush: 3570 gals.
4432'-4436'	5/18/04	Stuck Pump. Update rod detail.
4570'-4577'	6/24/04	Stuck Pump. Update rod detail.
5024'-5038' squeezed	6-19-08	Parted rods. Updated rod & tubing details.
5040'-5043' squeezed	1/8/09	Parted rods. Updated rod & tubing details.

PERFORATION RECORD

3/31/84	6219'-6236'	1 JSPF	17 holes
4/04/84	5040'-5043'	1 JSPF	04 holes
4/04/84	5024'-5038'	1 JSPF	14 holes
10/09/90	5040'-5043'	3 JSPF	12 holes
10/09/90	5024'-5038'	3 JSPF	42 holes
12/18/02	6267'-6273'	4 JSPF	24 holes
12/18/02	6246'-6252'	4 JSPF	24 holes
12/18/02	6219'-6236'	5 JSPF	85 holes reperf
12/18/02	6088'-6094'	4 JSPF	24 holes
12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
12/18/02	6011'-6015'	4 JSPF	16 holes
12/18/02	5996'-5999'	4 JSPF	12 holes
12/18/02	5947'-5962'	4 JSPF	92 holes
12/18/02	5911'-5919'	4 JSPF	92 holes
12/18/02	5629'-5634'	4 JSPF	20 holes
12/18/02	5596'-5603'	4 JSPF	28 holes
12/18/02	5502'-5521'	4 JSPF	76 holes
12/18/02	5444'-5450'	4 JSPF	24 holes
12/18/02	5340'-5344'	4 JSPF	16 holes
12/18/02	5279'-5284'	4 JSPF	32 holes
12/18/02	5258'-5261'	4 JSPF	32 holes
12/18/02	5203'-5207'	4 JSPF	16 holes
12/18/02	5190'-5193'	4 JSPF	12 holes
12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. #8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

DF 3/26/09

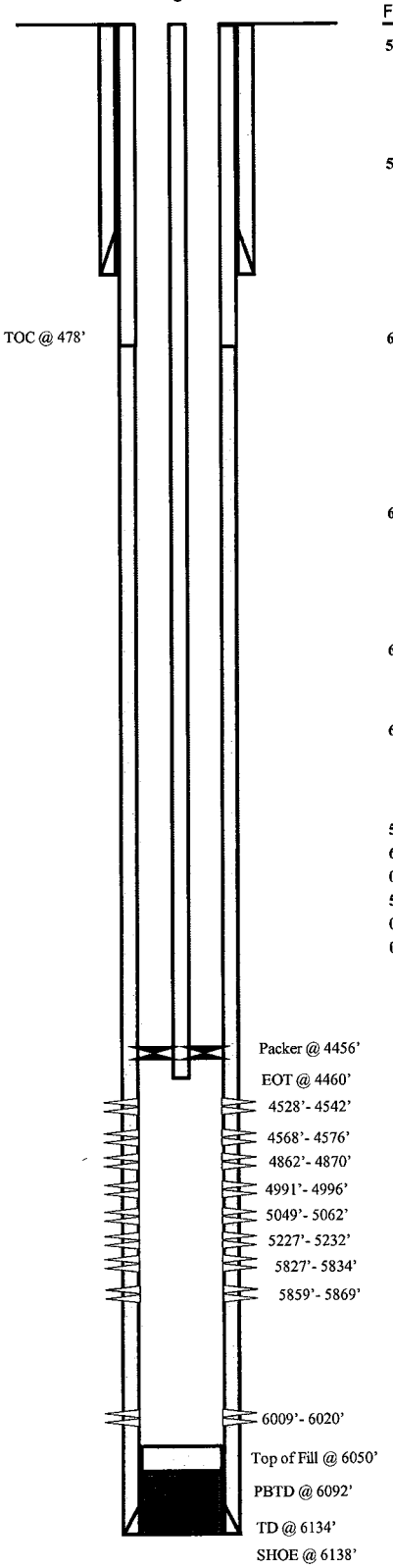
ATTACHMENT E-1

Monument Butte 2-34-8-16

Spud Date: 3/19/97
Put on Production: 6/10/97
GL: 5591' KB: 5603'

Initial Production: 45 BOPD,
64 MCFPD, 8 BWPD

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 287.30'(7 jts.)
DEPTH LANDED: 287.30' GL
HOLE SIZE:12-1/4"
CEMENT DATA: 120 sxs Premium cmt, w/8 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts.
DEPTH LANDED: 6138'
HOLE SIZE: 7-7/8"
CEMENT DATA: 420 sk Hibond mixed & 370 sxs thixotropic
CEMENT TOP AT: 478' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 143 jts (4439.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4451.9'
CE @ 4456.33'
TOTAL STRING LENGTH: EOT @ 4460' W/12' KB

FRAC JOB

5/28/97	**6009'-6020'**	**Frac CP-2 sand as follows:** 103,400# of 20/40 sans in 526 bbls of Boragel. Perfs broke @ 2159 psi. Treated @ avg rate of 26 bpm w/avg press of 1900 psi. ISIP-2295, 5-min 2084 psi. Flowback on 12/64" ck for 3-1/2 hours and died.
5/29/97	**5827'-5869'**	**Frac LODC sand as follows:** 113,100# of 20/40 sand in 541 bbls of Boragel. Perfs broke @ 3212 psi. Treated @ avg rate of 28 bpm w.avg press of 2980 psi. Screened out w/8.9# sand on perfs w/1166 gal left to flush. Had 101,800# sand in perfs and 11,300# sand left in csg. ISIP-3836 psi, 5-min 2601 psi. Flowback on 12/64" ck for 4 hours and died.
6/2/97	**5227'-5232'**	**Frac C sand as follows:** 102,000# of 20/40 sand in 477 bbls Boragel. Perfs broke @ 2680 psi. Treated @ avg rate of 25 bpm w/avg press of 2680 psi. Screened out w/820 gal of flush left to pump, reduced rate and flushed remainder of flush. ISIP-3438 psi, 5-min 2311 psi. Flowback on 12/64" ck for 2-1/2 hours and died.
6/4/97	**4991'-5062'**	**Frac D-1 & D-S3 sand as follows:** 101,300# of 20/40 sand in 490 bbls of Boragel. Perfs broke @ 3180 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2400 psi. ISIP-2900 psi, 5-min 2853 psi. Flowback on 12/64" ck for 2-1/2 hours and died.
6/11/01	**4862'-4870'**	**Frac X-Stray sand as follows:** 19,674# of 20/40 sand in 216 bbls of Viking 1-25. Treated w/avg press of 3480 psi. @ 28 BPM. Screened out.
6/13/01	**4528'-4576'**	**Frac GB-4 sand as follows:** 124,397# of 20/40 sand in 771 bbls of Viking 1-25. Treated w/avg press of 2340 psi. @ 31.5 BPM. ISIP - 2415 psi. Flow back 6 hours then died.
5/15/03		**Stuck pump.** Update tubing and rod detail.
6/28/03		**Parted Rods.** Update rod detail.
05/29/08		**Major workover.** Updated rod and tubing
5/15/09		**Parted rods.** Updated r & t details.
04/13/10		**Convert to Injection well**
04/14/10		**MIT Completed – tbg detail updated**

PERFORATION RECORD

5/27/97	6009'-6020'	4 JSPF	44 holes
5/29/97	5827'-5834'	4 JSPF	28 holes
5/29/97	5859'-5869'	4 JSPF	40 holes
5/31/97	5227'-5232'	4 JSPF	20 holes
6/3/97	4991'-4996'	4 JSPF	20 holes
6/3/97	5049'-5062'	4 JSPF	52 holes
6/11/01	4862'-4870'	4 JSPF	56 holes
6/13/01	4568'-4576'	4 JSPF	32 holes
6/13/01	4528'-4542'	4 JSPF	32 holes

NEWFIELD

Monument Butte 2-34-8-16
660 FNL & 1982 FEL
NW/NE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31745; Lease #UTU-16535

LCN 04-15-10

Attachment E-2

Monument Butte H-34-8-16

Spud Date: 12/10/2010
Put on Production: 2/8/2011

GL: 5624' KB: 5636'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (296.05')
DEPTH LANDED: 307.90'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 157 jts. (6622.07')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6635.32'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 60 '

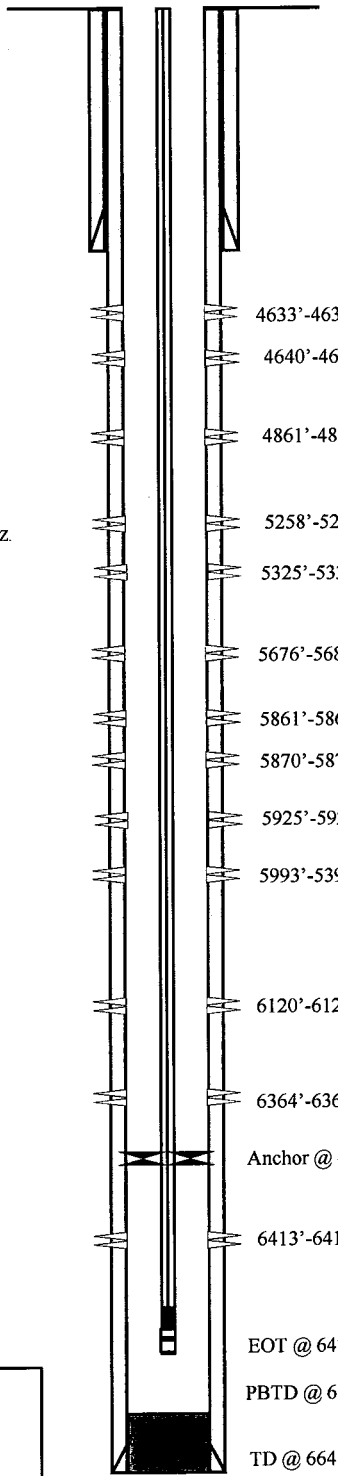
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 204 jts (6363.2')
TUBING ANCHOR: 6375.2'
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6409.3' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 6474'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 250 - 7/8" = 6250' 8 per guided rods; 4 - 1 ½" = 100' weight bars;
PUMP SIZE: 2 x 1 3/4 x 24' RHAC
STROKE LENGTH: 144
PUMP SPEED: ? SPM

Wellbore Diagram



FRAC JOB

1/15/11	6364'- 6417'	**Frac CP4 & CP5 sands as follows:** Frac with 25,051# 20/40 sand in 213 bbls Lightning 17 fluid.
1/26/11	6120' – 6125'	**Frac CP2 sands as follows:** Frac with 15,500# 20/40 sand in 131 bbls Lightning 17 fluid.
1/26/11	5861' – 5937'	**Frac LODC sands as follows:** Frac with 43,395# 20/40 sand in 275 bbls Lightning 17 fluid.
1/26/11	5676' – 5684'	**Frac A3 sands as follows:** Frac with 25,181# 20/40 sand in 214 bbls Lightning 17 fluid.
1/26/11	5258' – 5330'	**Frac C & D3 sands as follows:** Frac with 25,647# 20/40 sand in 211 bbls Lightning 17 fluid.
1/26/11	4633' – 4865'	**Frac GB6 & PB10 sands as follows:** Frac with 29,976# 20/40 sand in 255 bbls Lightning 17 fluid.

PERFORATION RECORD

6413'-6417'	3 JSPF	12 holes
6364'-6367'	3 JSPF	9 holes
6120'-6125'	3 JSPF	15 holes
5933'-5397'	3 JSPF	12 holes
5925'-5927'	3 JSPF	6 holes
5870'-5874'	3 JSPF	12 holes
5861'-5863'	3 JSPF	6 holes
5676'-5684'	3 JSPF	24 holes
5325'-5330'	3 JSPF	15 holes
5258'-5261	3 JSPF	9 holes
4861'-4865'	3 JSPF	12 holes
4640'-4641'	3 JSPF	3 holes
4633'-4637'	3 JSPF	12 holes

NEWFIELD

Monument Butte H-34-8-16
1981' FNL & 2021' FEL (SW/NE)
Section 34, T8S, R16E
Duchesne Co, Utah
API # 43-013-50225; Lease # UTU-16535

VC 4/28/11

Attachment E-3

Monument Butte S-34-8-16

Spud Date: 12-14-10
Put on Production: 1-19-11
GL: 5633' KB: 5645'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts. (299.41')
DEPTH LANDED: 311.26'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G", circ. 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts.(6489.79')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6504.40'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 290' per CBL

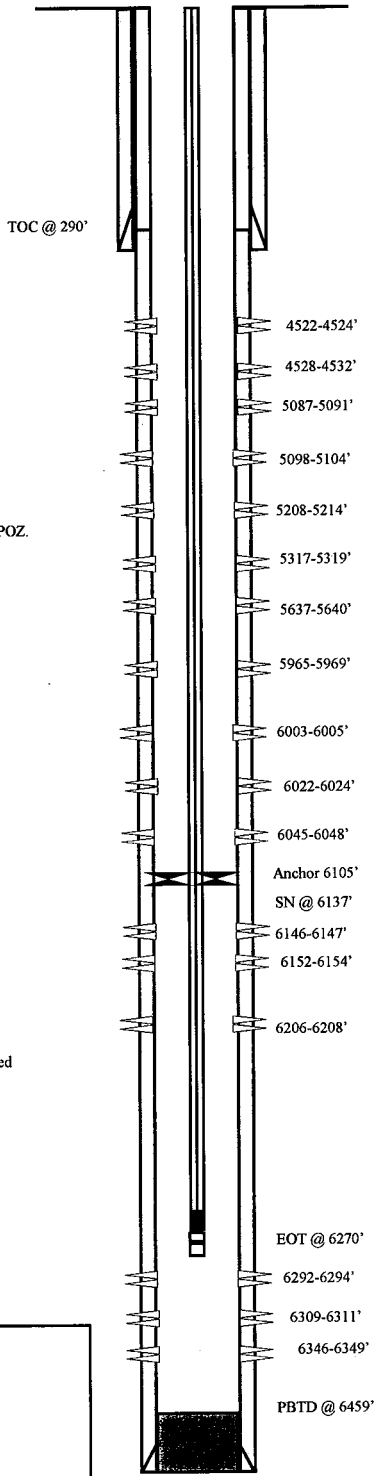
TUBING (GI 1/19/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 196jts (6092.87')
TUBING ANCHOR: 6104.87'
NO. OF JOINTS: 1 jts (29.12')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED: 6136.79' KB
NO. OF JOINTS: 1 jts (31.4')
GAS ANCHOR: 2-7/8" (5.2') @ 6169.33
NIPPLE: 2-7/8" (0.65')
TUBING: 3 jts (94.21)
BP: 2-7/8" (0.7')
TOTAL STRING LENGTH: EOT @ 6270.09'

SUCKER RODS (GI 1/19/11)

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 2', 8' x 7/8" pony rods, 239 x 7/8" 8 per guided rods, 4 x 1-½" weight bars
PUMP SIZE: 2-½" x 1-3/4" x 20" x 24" RHAC
STROKE LENGTH: 146"
PUMP SPEED, SPM: 5.7
PUMPING UNIT: DARCO C-640-365-168

Wellbore Diagram



FRAC JOB

1-6-11 6581-6586'	**Frac CP5 & CP4 sands as follows:** Frac with 59917# 20/40 sand in 363bbls Lighting 17 fluid.
1-12-11 5965-6048'	**Frac CP1, CP.5 & CP2 sands as follows:** Frac with 60117# 20/40 sand in 371bbls Lightning 17 fluid.
1-12-11 5637-5640'	**Frac A3 sands as follows:** Frac with 9215# 20/40 sand in 141bbls Lightning 17 fluid.
1-12-11 5208-5319'	**Frac B.5 & D3 sands as follows:** Frac with 25681# 20/40 sand in 215bbls Lightning 17 fluid.
1-12-11 5087-5104'	**Frac D1 sands as follows:** Frac with 69136# 20/40 sand in 425bbls Lightning 17 fluid.
1-12-11 4522-4532'	**Frac GB4 sands as follows:** Frac with 15130# 20/40 sand in 170bbls Lightning 17 fluid.

PERFORATION RECORD

6346-6349'	3 JSPF	9holes
6309-6311'	3 JSPF	6holes
6292-6294'	3 JSPF	6holes
6206-6208'	3 JSPF	6holes
6152-6154'	3 JSPF	6holes
6146-6147'	3 JSPF	3holes
6045-6048'	3 JSPF	9holes
6022-6024'	3 JSPF	6holes
6003-6005'	3 JSPF	6holes
5965-5969'	3 JSPF	12holes
5637-5640'	3 JSPF	9holes
5317-5319'	3 JSPF	6holes
5208-5214'	3 JSPF	18holes
5098-5104'	3 JSPF	18holes
5087-5091'	3 JSPF	12holes
4528-4532'	3 JSPF	12holes
4522-4524'	3 JSPF	6holes

NEWFIELD

Monument Butte S-34-8-16
SL: 1994'FSL & 1940'FEL (NW/SE)
Section 34, T8S, R16
Duchesne Co, Utah
API # 43-013-50240; Lease #UTU-16535

GI 4/16/13

Attachment E-4

Monument Butte G-35-8-16

Spud Date: 6-16-10
Put on Production: 8-5-10

GL: 5566' KB: 5578'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (305.08')
DEPTH LANDED: 315.08'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ 5 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149jts. (6501.18')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6501.18'
CEMENT DATA: 300sxs Premlite II & 401sxs 50/50 POZ.
CEMENT TOP AT: 54' per CBL 7/14/10

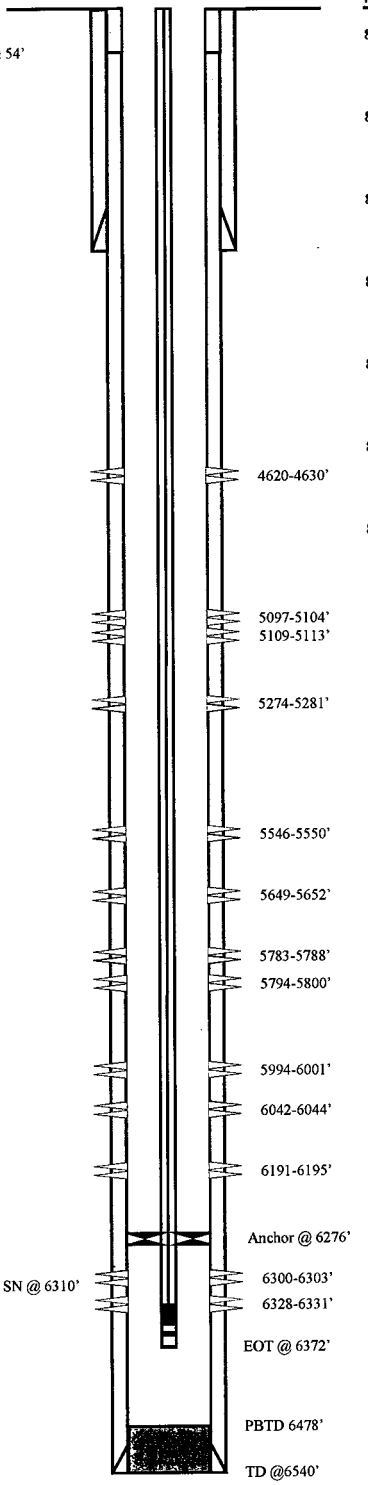
TUBING (KS 8/2/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 199jts (6263.9')
TUBING ANCHOR: 6275.9'
NO. OF JOINTS: 1jts (31.0')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6309.7'
NO. OF JOINTS: 2jts (61.2')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 6372'

SUCKER RODS (KS 8/2/10)

POLISHED ROD: 1-1/2" x 30'
SUCKER ROD: 2', 4', 8' x 7/8" Pony Rods, 147 x 7/8" 8per Guided Rods, 4 x 1-1/2" Weight Bars.
PUMP SIZE: 2-½ x 1-¾ x 17' x 24' RHAC
STROKE LENGTH: 124"
PUMP SPEED, SPM: 5.7
PUMPING UNIT: DARCO C-456-305-144

Wellbore Diagram



FRAC JOB

8-2-10 6191-6331'	**Frac CP3 & CP5 sands as follows:** Frac w/25124# 20/40 sand in 154 bbls Lightning 17.
8-2-10 5994-6044'	**Frac CP.5 & CP1 sands as follows:** Frac w/35368# 20/40 sand in 169 bbls Lightning 17.
8-2-10 5794-5800'	**Frac LODC sands as follows:** Frac w/74606# 20/40 sand in 337 bbls Lightning 17.
8-2-10 5546-5652'	**Frac A1 & A3 sands as follows:** Frac w/18876# 20/40 sand in 115 bbls Lightning 17.
8-2-10 5274-5281'	**Frac C sands as follows:** Frac w/18140# 20/40 sand in 112 bbls Lightning 17.
8-2-10 5097-5113'	**Frac D1 sands as follows:** Frac w/59939# 20/40 sand in 1427 bbls Lightning 17.
8-2-10 4620-4630'	**Frac GB6 sands as follows:** Frac w/35640# 20/40 sand in 169 bbls Lightning 17.

PERFORATION RECORD

6328-6331' 3 JSPF 9 holes
6300-6303' 3 JSPF 9 holes
6191-6195' 3 JSPF 12 holes
6042-6044' 3 JSPF 6 holes
5994-6001' 3 JSPF 21 holes
5794-5800' 3 JSPF 18 holes
5783-5788' 3 JSPF 15 holes
5649-5652' 3 JSPF 9 holes
5546-5550' 3 JSPF 12 holes
5274-5281' 3 JSPF 21 holes
5109-5113' 3 JSPF 12 holes
5097-5104' 3 JSPF 21 holes
4620-4630' 3 JSPF 30 holes

NEWFIELD

Monument Butte G-35-8-16
SL: 1792' FNL: 1900' FWL (SE/NW)
Section 35, T8S, R16
Duchesne Co, Utah
API # 43-013-34126; Lease UTU-16535

KS 9/24/12

Attachment E-5

Greater Monument Butte B-34-8-16

Spud Date: 12/15/10
Put on Production: 2/17/11

GL: 5578' KB: 5590'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (299.1')
DEPTH LANDED: 310.95'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 157 jts. (6667.66')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6682.27'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 360 '

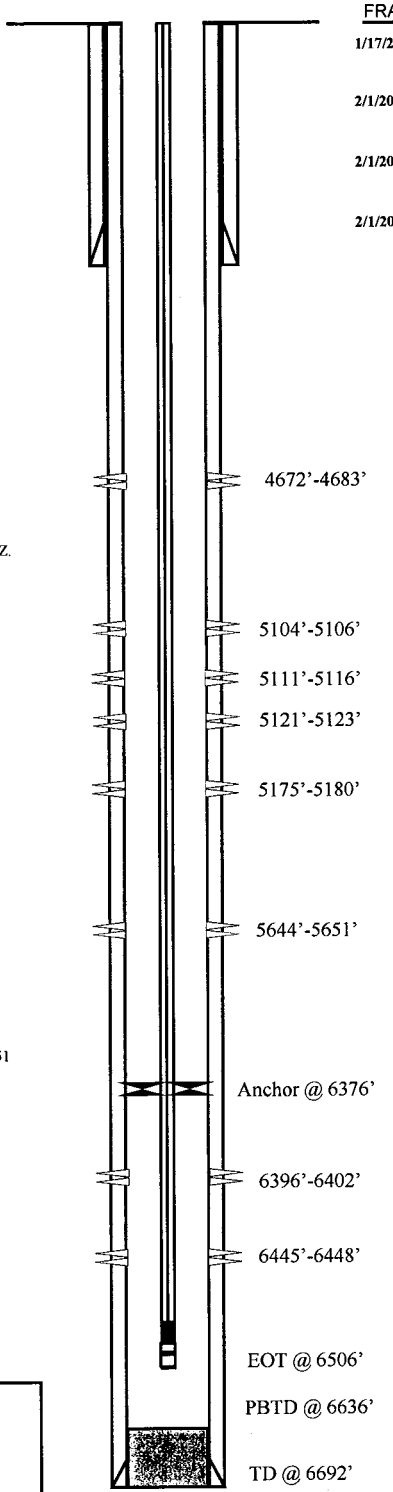
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 204 jts (6364')
TUBING ANCHOR: 6376'
NO. OF JOINTS: 2 jts (62.9')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6441.7' KB
NO. OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 6506'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 1 - 7/8" = 2' pony rods; 1 - 7/8" = 4' pony rods; 251 - 7/8" = 6275' 8 per guided rods; 4 - 1 ½" = 100' weight bars; 1 – 1" Stabilizer Bar
PUMP SIZE: 2 ½ x 1 3/4 x 24' x 0' RHAC
STROKE LENGTH: 0
PUMP SPEED: 0 SPM

Wellbore Diagram



FRAC JOB

1/17/2011	**6396'- 6448'**	**Frac CP5 sands as follows:** Frac with 25,154# 20/40 sand in 215 bbls Lightning 17 fluid.
2/1/2011	**5644' – 5651'**	**Frac A1 sands as follows:** Frac with 19,424# 20/40 sand in 170 bbls Lightning 17 fluid.
2/1/2011	**5104' – 5180'**	**Frac DS3 and DS1 sands as follows:** Frac with 74,866# 20/40 sand in 464 bbls Lightning 17 fluid.
2/1/2011	**4672' – 4683'**	**Frac GB6 sands as follows:** Frac with 29,022# 20/40 sand in 251bbls Lightning 17 fluid.

PERFORATION RECORD

6445'-6448'	3 JSPF	9 holes
6396'-6402'	3JSPF	18 holes
5644'-5651'	3 JSPF	21 holes
5175'-5180'	3 JSPF	15 holes
5121'-5123'	3 JSPF	6 holes
5111'-5116'	3 JSPF	15 holes
5104'-5106'	3 JSPF	6 holes
4672'-4683'	3 JSPF	33 holes

NEWFIELD

Greater Monument Butte B-34-8-16
770' FSL & 1998' FEL (SW/SE)
Section 27, T8S, R16E
Duchesne Co, Utah
API # 43-013-50219; Lease # UTU-62848

VC 3/24/11

Attachment E-6

Greater Monument Butte M-34-8-16

Spud Date: 12-13-10
Put on Production:2-2-11

GL: 5624' KB:5636'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts. (295.7')

DEPTH LANDED: 307.55'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 156jts.(6522.9')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6537.51'

CEMENT DATA: 300sxs Prem. Lite II mixed & 400sxs 50/50 POZ.
CEMENT TOP AT:110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 194jts (6042.9')

TUBING ANCHOR: 6054.9'

NO. OF JOINTS: 1 jts (31.4')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED: 6089.2' KB

NO. OF JOINTS: 2jts (62.8')

TOTAL STRING LENGTH: EOT @6154'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'

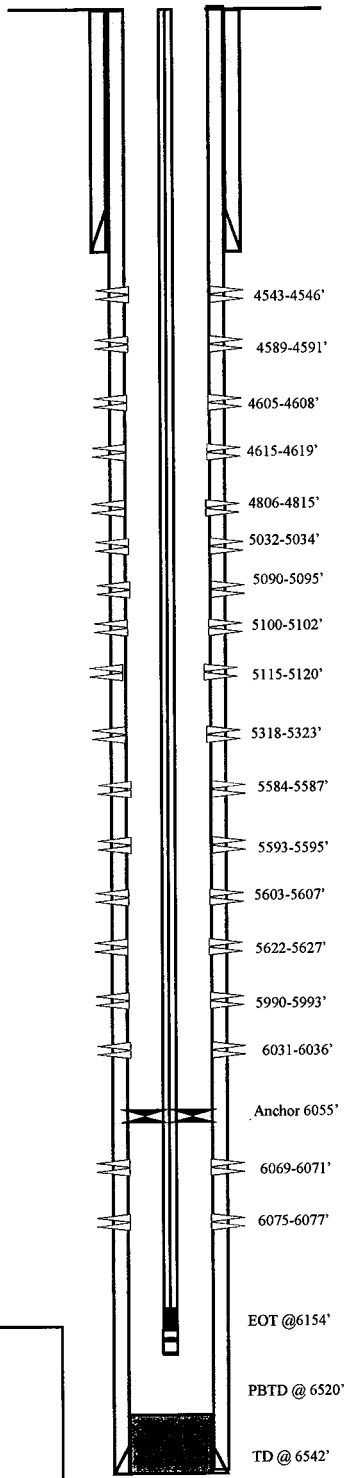
SUCKER RODS:1-2 x 7/8" pony rods, 1-8 x 7/8" pony rods, 237-x 7/8" 8 per guided rods, 4- 1 ½" weight bars

PUMP SIZE: 2 ½ x 1 ¾" x 24" RHAC

STROKE LENGTH:122

PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

1-19-11	**5990-6071'**	**Frac CP1, CP.5 & CP2sands as follows:**Frac with 80320# 20/40 sand in 472bbls Lighting 17 fluid.
1-25-11	**5584-5627'**	**Frac A3 sands as follows:**Frac with 75820# 20/40 sand in 463bbls Lightning 17 fluid.
1-25-11	**5318-5323'**	**Frac B1 sands as follows:**Frac with 15675# 20/40 sand in 108bbls Lightning 17 fluid.
1-25-11	**5032-5120'**	**Frac D1 & DS3 sands as follows:**Frac with 91825# 20/40 sand in 554bbls Lightning 17 fluid.
1-25-11	**4806-4815'**	**Frac PB10 sands as follows:**Frac with 24536# 20/40 sand in 209bbls Lightning 17 fluid.
1-25-11	**4543-4619'**	**Frac GB4 & GB6 sands as follows:**Frac with 44827# 20/40 sand in 293bbls Lightning 17 fluid.

PERFORATION RECORD

6075-6077'	3 JSPF	6holes
6069-6071'	3 JSPF	6holes
6031-6036'	3 JSPF	15holes
5990-5993'	3 JSPF	9 holes
5622-5627'	3 JSPF	15holes
5603-5607'	3 JSPF	12holes
5593-5595'	3 JSPF	3holes
5584-5587'	3 JSPF	9holes
5318-5323'	3 JSPF	15holes
5115-5120'	3 JSPF	15holes
5100-5102'	3 JSPF	6holes
5090-5095'	3 JSPF	15 holes
5032-5034'	3 JSPF	6holes
4806-4815'	3 JSPF	27holes
4615-4619'	3 JSPF	12holes
4605-4608'	3 JSPF	9holes
4589-4591'	3 JSPF	6holes
4543-4546'	3 JSPF	9holes

NEWFIELD

Greater Monument Butte M-34-8-16
SL:1980'FNL & 2000 'FEL (SW/NE)
Section 34, T8S, R16
Duchesne Co, Utah
API # 43-013-50226; Lease #UTU-16535

MB-3-1-11

Attachment E-7

Greater Monument Butte T-34-8-16

Spud Date: 1/25/2011
Put on Production: 4/14/2011

GL: 5591' KB: 5603'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (305.55')
DEPTH LANDED: 315.40'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G", circ. 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 153 jts. (6495.51')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6510.12'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 136' per CBL 3/10/11

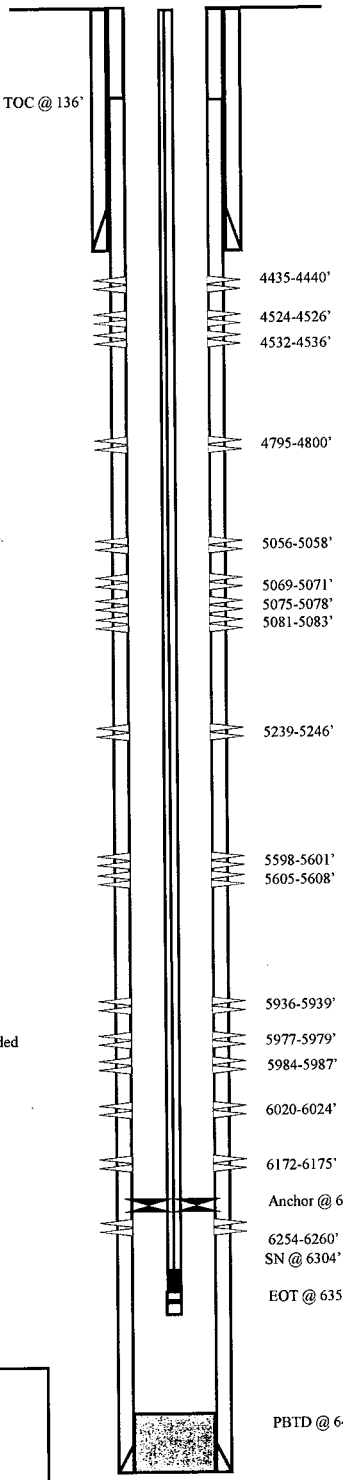
TUBING (GI 1/2/13)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 200 jts (6214.9')
TUBING SWIVEL: 3" (2.4')
TUBING ANCHOR: 6229.3'
NO. OF JOINTS: 2 jts (62.0')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6304.1' KB
NO. OF JOINTS: 2 jts (62.0')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 6357.64'

SUCKER RODS (GI 1/2/13)

POLISHED ROD: 1-½" x 30'
SUCKER RODS: 2', 2', 2', 4', 6' x 7/8" Pony Rod, 245 x 7/8" Guided Rods(8per), 1" x 4' Stabilizer Rod, 4 x 1-½" Weight Bars
PUMP SIZE: 2-½" x 1-¾" x 20' x 24' RHAC
STROKE LENGTH: 146"
PUMP SPEED, SPM: 5.5
PUMPING UNIT: DARCO C-640-365-168

Wellbore Diagram



FRAC JOB

3/10/2011	6172-6260'	**Frac CP4 and CP5 sands as follows:** Frac with 24562# 20/40 sand in 209 bbls Lightning 17 fluid.
3/16/2011	5936-6024'	**Frac CP .5, CP1 and CP2 sands as follows:** Frac with 69706# 20/40 sand in 427 bbls Lightning 17 fluid.
3/16/2011	5598-5608'	**Frac A3 sands as follows:** Frac with 24654# 20/40 sand in 208 bbls Lightning 17 fluid.
3/16/2011	5239-5246'	**Frac C sands as follows:** Frac with 29898# 20/40 sand in 248 bbls Lightning 17 fluid.
3/16/2011	5056-5083'	**Frac D1 sands as follows:** Frac with 59931# 20/40 sand in 368 bbls Lightning 17 fluid.
3/16/2011	4795-4800'	**Frac PB10 sands as follows:** Frac with 20078# 20/40 sand in 167 bbls Lightning 17 fluid.
3/16/2011	4435-4526'	**Frac GB2 and GB4 sands as follows:** Frac with 36398# 20/40 sand in 235 bbls Lightning 17 fluid.

PERFORATION RECORD

4435-4440'	3 JSPF	15 holes
4524-4526'	3 JSPF	6 holes
4532-4536'	3 JSPF	12 holes
4795-4800'	3 JSPF	15 holes
5056-5058'	3 JSPF	6 holes
5069-5071'	3 JSPF	6 holes
5075-5078'	3 JSPF	9 holes
5081-5083'	3 JSPF	6 holes
5239-5246'	3 JSPF	21 holes
5598-5601'	3 JSPF	9 holes
5605-5608'	3 JSPF	9 holes
5936-5939'	3 JSPF	9 holes
5977-5979'	3 JSPF	6 holes
5984-5987'	3 JSPF	9 holes
6020-6024'	3 JSPF	12 holes
6172-6175'	3 JSPF	9 holes
6254-6260'	3 JSPF	18 holes

NEWFIELD

Greater Monument Butte T-34-8-16
1804' FSL & 751' FWL (NW/SW)
Section 35, T8S, R16E
Duchesne Co, Utah
API # 43-013-50220; Lease #UTU-16535

GI 2/25/13

Attachment E-8

Greater Monument Butte E-35-8-16

Spud Date: 11-2-10
Put on Production:3-4-11
GL: 5365' KB:5377'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8jts. (343.45')
DEPTH LANDED: 355.30'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 153jts.(6484.48')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6499.09'
CEMENT DATA: 300sxs Prem. Lite II mixed & 400sxs 50/50 POZ.
CEMENT TOP AT:300'

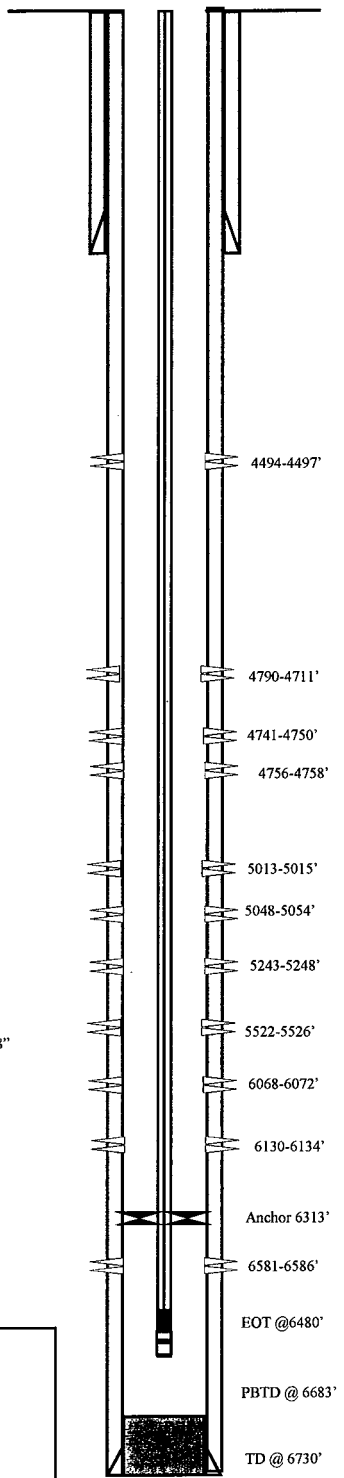
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 202jts (6300.0')
TUBING ANCHOR: 6313.0'
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED: 6347.2' KB
NO. OF JOINTS: 1jts (31.4')
GAS ANCHOR: (5.2) 6379.7
TUBING: 3jts (94.1)
TOTAL STRING LENGTH: EOT @6480'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS:1-2 x 7/8" pony rods, 1-4 x 7/8" pony rods, 1-6 x 7/8" pony rods, 1-8 x 7/8" pony rods, 101-x 7/8" 4 per guided rods, 145- x ¾" 4 per guided rods, 6- 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 1/2''x 20"x 24" RHAC
STROKE LENGTH:122
PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

12-22-10	6581-6586'	**Frac Wasatch sands as follows:**Frac with 20156# 20/40 sand in 317bbls Lighting 17 fluid.
12-29-10	6068-6134'	**Frac CP4 &CP3 sands as follows:**Frac with 20237# 20/40 sand in 167bbls Lightning 17 fluid.
12-29-10	5522-5526'	**Frac A3 sands as follows:**Frac with 15072# 20/40 sand in 124bbls Lightning 17 fluid.
12-29-10	5243-5248'	**Frac B.5 sands as follows:**Frac with 14834# 20/40 sand in 124bbls Lightning 17 fluid.
12-29-10	5013-5054'	**Frac D1 & D2 sands as follows:**Frac with 19912# 20/40 sand in 163bbls Lightning 17 fluid.
12-29-10	4709-4758'	**Frac PB8 & PB10 sands as follows:**Frac with 33168# 20/40 sand in 219bbls Lightning 17 fluid.
12-29-10	4494-4497'	**Frac GB6 sands as follows:**Frac with 13652# 20/40 sand in 184bbls Lightning 17 fluid.

PERFORATION RECORD

6581-6586'	3 JSPF	15holes
6130-6134'	3 JSPF	12holes
6068-6072'	3 JSPF	12holes
5522-5526'	3 JSPF	12 holes
5243-5248'	3 JSPF	15holes
5048-5054'	3 JSPF	18holes
5013-5015'	3 JSPF	6holes
4756-4758'	3 JSPF	6holes
4741-4750'	3 JSPF	27holes
4709-4711'	3 JSPF	6holes
4494-4497'	3 JSPF	9holes

NEWFIELD

Greater Monument Butte E-35-8-16
679 'FSL & 646 'FEL (SE/SE)
Section 27, T8S, R16E
Duchesne Co, Utah
API # 43-013-50214; Lease # EDA-14-20-H62-6386

MB-3-10-11

ATTACHMENT E-9

Monument Butte Federal 16-27-8-16

Spud Date: 9/28/97
Put on Production: 11/1/97
GL: 5556' KB: 5569'

Initial Production: 74 BOPD,
120 MCFPD, 23 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 301' (7 jts.)
DEPTH LANDED: 299'
HOLE SIZE:12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 8 bbls to surf.

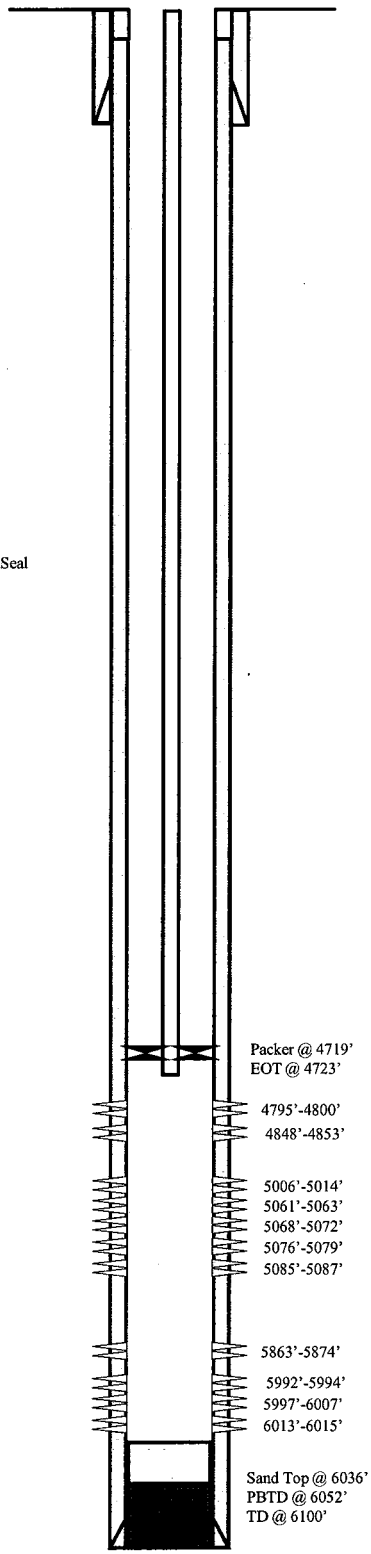
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6098' (144 jts.)
DEPTH LANDED: 6096'
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sk Hibond mixed & 375 sxs Thixo w/ 10% CalSeal
CEMENT TOP AT: 174'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 151jts (4702.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4714.5' KB
CE @ 4718.93'
TOTAL STRING LENGTH: EOT @ 4723' KB

Injection Wellbore Diagram



FRAC JOB

10/20/97	**5992'-6015'**	**Frac CP sand as follows:** 72,300# 20/40 sd in 438 bbls Boragel. Treated @ ave press of 1700 psi w/ave rate of 22.2 bpm. ISIP: 2086 psi.
10/23/97	**5863'-5874'**	**Frac LDC sand as follows:** 98,400# 20/40 sd in 520 bbls Boragel. Treated @ ave press of 2470 psi w/ave rate of 26.2 BPM. ISIP: 3116 psi.
10/25/97	**5006'-5087'**	**Frac D/YDC sand as follows:** 113,300# 20/40 sd in 571 bbls Boragel. Treated @ ave press of 2050 psi w/ave rate of 28.1 BPM. ISIP: 2650 psi.
10/28/97	**4795'-4853'**	**Frac PB sand as follows:** 95,300# 20/40 sd in 487 bbls Boragel. Treated @ ave press of 2500 psi w/ave rate of 26 BPM. ISIP: 2832 psi.
2/08/02		**Tubing leak.** Update rod and tubing details.
8/20/02		**Tubing leak.** Update rod and tubing details.
04/29/05		**Stuck Pump.**
08/26/05		**Pump Change.** Update rod and tubing detail.
2/24/09		**Tubing Leak.** Updated r & t details.
05/19/10		**Parted Rods.** Updated rod & tubing detail
08/17/11		**Convert to Injection well**
08/23/2011		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

10/20/97	6013'-6015'	4 JSPF	8 holes
10/20/97	5997'-6007'	4 JSPF	40 holes
10/20/97	5992'-5994'	4 JSPF	8 holes
10/23/97	5863'-5874'	4 JSPF	44 holes
10/25/97	5085'-5087'	4 JSPF	8 holes
10/25/97	5076'-5079'	4 JSPF	12 holes
10/25/97	5068'-5072'	4 JSPF	16 holes
10/25/97	5061'-5063'	4 JSPF	8 holes
10/25/97	5006'-5014'	4 JSPF	32 holes
10/28/97	4848'-4853'	4 JSPF	20 holes
10/28/97	4795'-4800'	4 JSPF	20 holes

NEWFIELD

Monument Butte Federal 16-27-8-16
660' FSL & 660' FEL
SE/SE Section 27-T8S-R16E
Duchesne Co, Utah
API #43-013-31899; Lease #U-62848

LCN 08-25-11

ATTACHMENT E-10

Monument Butte Fed. 6-34-8-16

Spud Date: 2/28/1995
Put on Production: 4/09/1995
GL: 5632' KB: 5646'

Initial Production: 28 BOPD,
57 MCFD, 4 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 310'
HOLE SIZE:12-1/4"
CEMENT DATA: 165 sxs Class "G" cement.

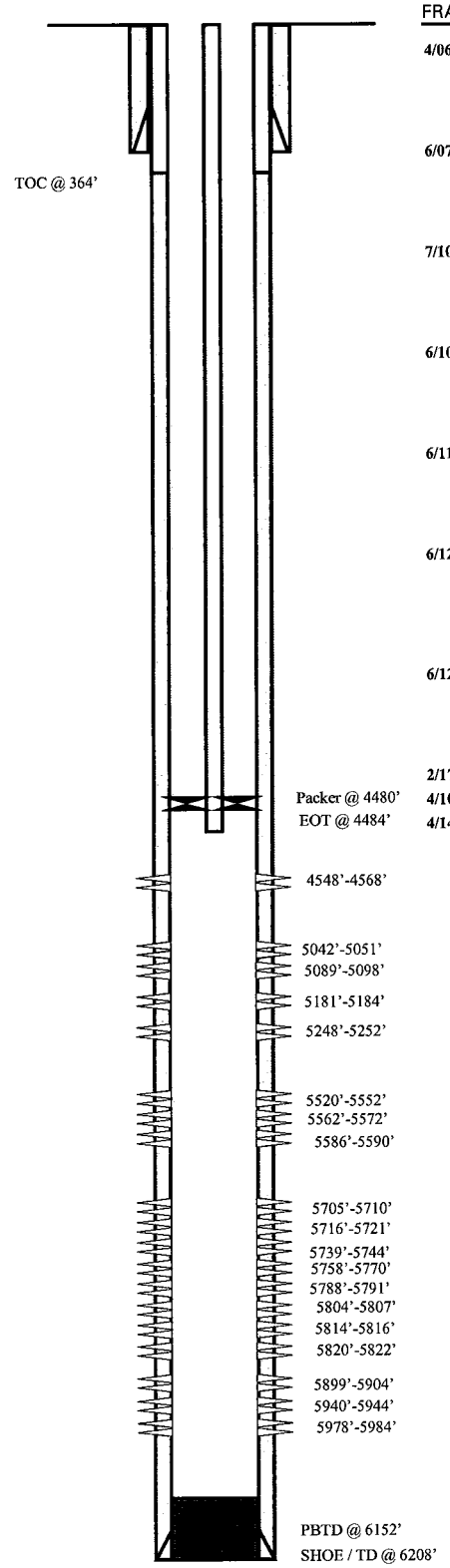
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
DEPTH LANDED: 6207.42'
HOLE SIZE: 7-7/8"
CEMENT DATA: 383 sxs Hilift & 307 sxs 10-0 RFC.
CEMENT TOP AT: 364'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 136 jts (4461.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4475.9' KB
CE @ 4482.28'
TOTAL STRING LENGTH: EOT @ 4484' w/ 14' KB

Injection Wellbore Diagram



FRAC JOB

4/06/95	**5520'-5552'**	**Frac A3 sand as follows:** 97,570# 20/40 sand in 692 bbls Viking I-35 fluid. Treated @ avg press of 2270 psi w/avg rate of 31.5 BPM. ISIP 2380 psi. Calc. flush: 5520 gal. Actual flush: 1260 gal.
6/07/95	**5042'-5098'**	**Frac D sands as follows:** 77,000# 16/30 sand in 673 bbls KCl frac fluid. Treated @ avg press of 2250 psi w/avg rate of 32 BPM. ISIP 2482 psi. Calc. flush: 5042 gal. Actual flush: 4998 gal.
7/10/01	**4548'-4568'**	**Frac GB-6 sand as follows:** 100,120# 20/40 sand in 647 bbls Viking I-25 fluid. Treated @ avg press of 2050 psi w/avg rate of 30 BPM. ISIP 2360 psi. Calc. flush: 4548 gal. Actual flush: 4452 gal.
6/10/03	**5899'-5984'**	**Frac CP sand as follows:** 79,030# 20/40 sand in 630 bbls Viking I-25 fluid. Treated @ avg press of 4000 psi w/avg rate of 16 BPM. ISIP 1885 psi. Calc. flush: 1502 gal. Actual flush: 1386 gal.
6/11/03	**5705'-5822'**	**Frac LODC sand as follows:** 117,747# 20/40 sand in 900 bbls Viking I-25 fluid. Treated @ avg press of 4400 psi w/avg rate of 17.3 BPM. ISIP 2390 psi. Calc. flush: 1491 gal. Actual flush: 1386 gal.
6/12/03	**5520'- 5590'**	**Frac Existing A and LoDC sand as follows:** 100,632# 20/40 sand in 213 bbls of Viking I-25 pad, and 518 bbls Viking I-25 fluid. Treated @ 4100 avg press of psi w/avg rate of 17.3 BPM. ISIP 2400 psi. Calc. flush: 1430 gal. Actual flush: 1302 gal.
6/12/03	**5181'-5252'**	**Frac B and C sand as follows:** 38,341# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg press of 2750 psi w/avg rate of 17.6 BPM. ISIP 1700 psi. Calc. flush: 1323 gal. Actual flush: 1176 gal.
2/17/04		**Tubing Leak.** Update rod and tubing detail.
4/10/10		**Convert to Injection well**
4/14/10		**MIT Completed –tbg detail updated**

PERFORATION RECORD

4/06/95	5520'-5552'	4 JSPF	128 holes
6/06/95	5089'-5098'	4 JSPF	36 holes
6/06/95	5042'-5051'	4 JSPF	36 holes
7/10/01	4548'-4568'	4 JSPF	80 holes
6/10/03	5978'-5984'	4 JSPF	24 holes
6/10/03	5940'-5944'	4 JSPF	16 holes
6/10/03	5899'-5904'	4 JSPF	20 holes
6/11/03	5820'-5822'	4 JSPF	8 holes
6/11/03	5814'-5816'	4 JSPF	8 holes
6/11/03	5804'-5807'	4 JSPF	12 holes
6/11/03	5788'-5791'	4 JSPF	12 holes
6/11/03	5758'-5770'	4 JSPF	48 holes
6/11/03	5739'-5744'	4 JSPF	20 holes
6/11/03	5716'-5721'	4 JSPF	20 holes
6/11/03	5705'-5710'	4 JSPF	20 holes
6/11/03	5586'-5590'	4 JSPF	16 holes
6/11/03	5562'-5572'	4 JSPF	10 holes
6/11/03	5248'-5252'	4 JSPF	16 holes
6/11/03	5181'-5184'	4 JSPF	12 holes

NEWFIELD

Monument Butte Fed. #6-34-8-16
1980' FNL & 1980' FWL
SE/NW Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31504; Lease #U-62848

LCN 04-15-10

ATTACHMENT E-11

Monument Butte Fed. #7-34-8-16

Spud Date: 11/7/1994
Put on Production: 12/10/94
GL: 5617' KB: 5632'

Initial Production: 65 BOPD, 41 MCFD, 8 BWPD

Injection
Wellbore Diagram

SURFACE CASING

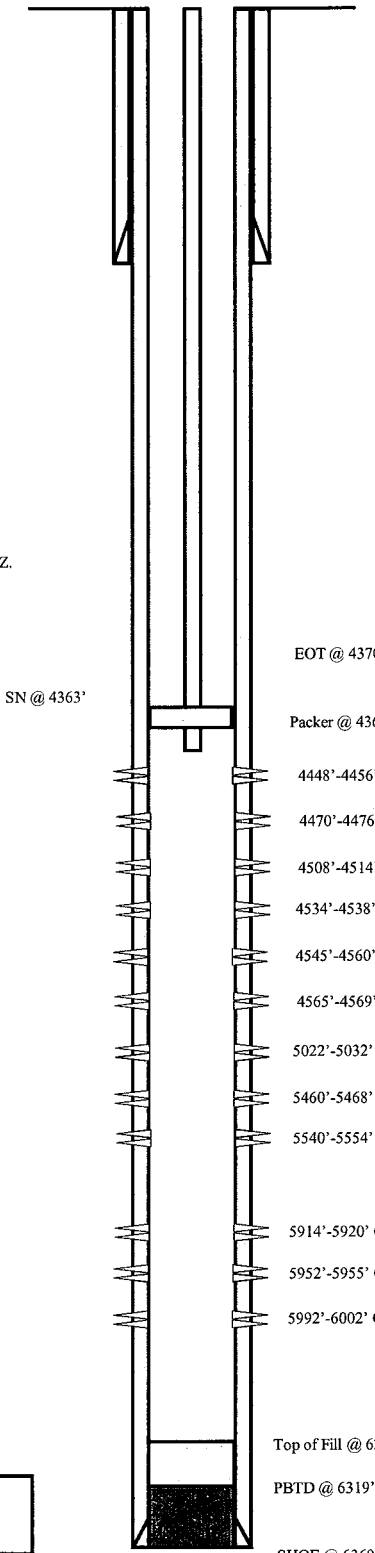
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (300')
DEPTH LANDED: 300'
HOLE SIZE:12-1/4"
CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: (6369')
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.
CEMENT TOP AT: 528' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 133 jts (4346.38')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4362.63' KB
PACKER: 4366.93'
TOTAL STRING LENGTH: EOT @ 4370'



FRAC JOB

12/3/94	5540'-5554'	**Frac A-3 sand as follows:** 80,000# 20/40 sand in 724 bbls fluid. Treated @ avg press of 2000 psi w/avg rate of 5 BPM. ISIP 1870 psi.
12/6/94	5022'-5032'	**Frac D-1 sand as follows:** 80,000# 20/40 sand in 747 bbls fluid. Treated @ avg press of 1950 psi w/avg rate of 30 BPM. ISIP 2054 psi. 12/3/94
2/12/98	5914'-6002'	**Frac CP sand as follows:** 68,900# 20/40 sand in 334 bbls fluid. Treated @ avg press of 7700 psi w/avg rate of 26 BPM. Tubing ruptured.
2/16/98	4534'-4569'	**Frac GB-6 sand as follows:** 104,300# 20/40 sand in 488 bbls fluid. Treated @ avg press of 2180 psi w/avg rate of 26 BPM. ISIP 2643 psi.
11/19/01	4448'-4514'	**Frac GB-4,2 sands as follows:** 63,360# 20/40 sand in 589 bbls fluid. Treated @ avg press of 2210 psi w/avg rate of 20.1 BPM. ISIP 2155 psi. Flowed 4.5 hours then died.
12/10/02		Ready for MIT.
11/27/07		5 Year MIT completed and submitted.

PERFORATION RECORD

12/02/94	5540'-5554'	4 JSPF	56 holes
12/05/94	5022'-5032'	4 JSPF	40 holes
02/11/98	5914'-5920'	4 JSPF	24 holes
02/11/98	5952'-5955'	4 JSPF	12 holes
02/11/98	5992'-6002'	4 JSPF	40 holes
02/14/98	4534'-4538'	4 JSPF	16 holes
02/14/98	4545'-4560'	4 JSPF	60 holes
02/14/98	4565'-4569'	4 JSPF	16 holes
11/16/01	4448'-4456'	4 JSPF	32 holes
11/16/01	4470'-4476'	4 JSPF	24 holes
11/16/01	4508'-4514'	4 JSPF	24 holes
11/16/01	5460'-5468'	4 JSPF	32 holes

NEWFIELD

Monument Butte Fed. #7-34-8-16
1980' FNL & 1980' FEL
SWNE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31471; Lease #U-16535

CR 12/19/07

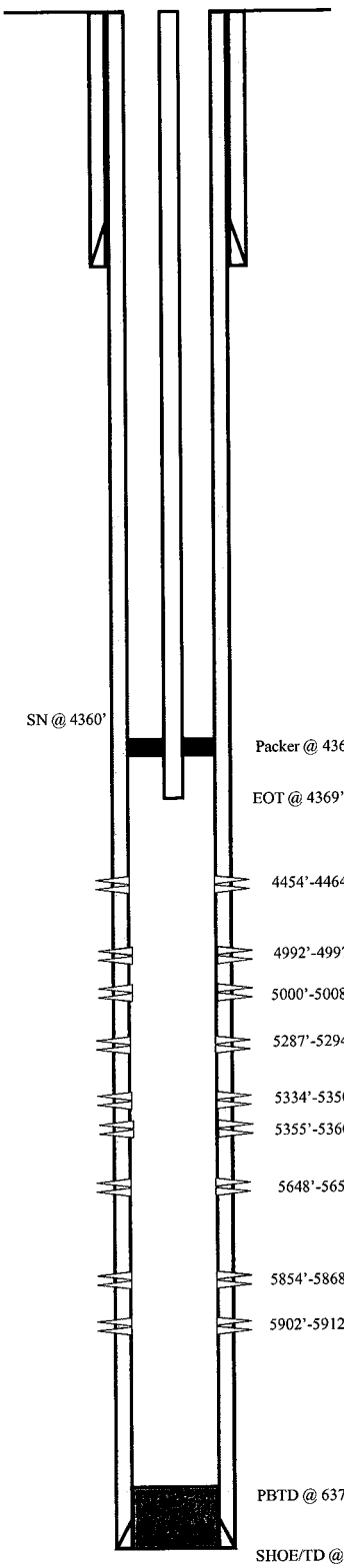
ATTACHMENT E-12

Monument Butte Fed. #9-34-8-16

Spud Date: 12/02/93
Put on Production: 1/08/94
Put on Injection: 1/11/01
GL: 5134' KB: 5124'

Initial Production: 174 BOPD, 60 MCFD, 11 BWPD

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 307'
HOLE SIZE:12-1/4"
CEMENT DATA: 316 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 / 17#
LENGTH: 6502.70'
HOLE SIZE: 7-7/8"
CEMENT DATA: 102 sxs Hilift & 407 sxs 50/50 POZ.
CEMENT TOP AT: 3378' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 134 jts (4350.27')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4360.27' KB
TUBING PACKER: 4364.37'
TOTAL STRING LENGTH: EOT @ 4368.58'

FRAC JOB

12/22/93	5854'-5912'	**Frac zone as follows:** 31,000# 20/40 sand + 80,000# 16/30 sand in 1206 bbls frac fluid. Treated @ avg press of 2500 psi w/avg rate of 40 BPM. ISIP 2190 psi. Calc. flush: 5854 gal, Actual flush: 5670 gal.
12/29/93	5334'-5360'	**Frac zone as follows:** 43,000# 20/40 sand + 58,000# 16/30 sand in 1266 bbls frac fluid. Treated @ avg press of 2800 psi w/avg rate of 30 BPM. ISIP 2850 psi. Calc. flush: 5334 gal, Actual flush: 5175 gal.
1/04/94	4992'-5008'	**Frac zone as follows:** 65,000# 16/30 sand in 860 bbls frac fluid. Treated @ avg press of 2400 psi w/avg rate of 31BPM. ISIP 2345 psi. Calc. flush: 4992 gal, Actual flush: 4875 gal.
8/8/03		Recompletion. Ready for MIT.
7/9/08		**5 Year MIT completed and submitted.**

PERFORATION RECORD

12/21/93	5902'-5912'	4 JSPF	40 holes
12/21/93	5854'-5868'	4 JSPF	64 holes
12/28/93	5355'-5360'	4 JSPF	20 holes
12/28/93	5334'-5350'	4 JSPF	24 holes
1/04/94	5000'-5008'	4 JSPF	32 holes
1/04/94	4992'-4997'	4 JSPF	20 holes
8/6/03	5648'-5658'	4 JSPF	40 holes
8/6/03	5287'-5294'	4 JSPF	28 holes
8/6/03	4454'-4464'	4 JSPF	40 holes

NEWFIELD

Monument Federal. #9-34-8-16
1980' FSL & 660' FEL
NESE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31407; Lease #U-16535

CR 7/14/08

ATTACHMENT E-13

Monument Butte Federal 10-34-8-16

Spud Date: 10/1/1992
Put on Production: 11/26/1992
GL: 5628' KB: 5640'

Initial Production:
68 BOPD, 93 MCFD, 24 BWPD

Injection Wellbore Diagram

SURFACE CASING

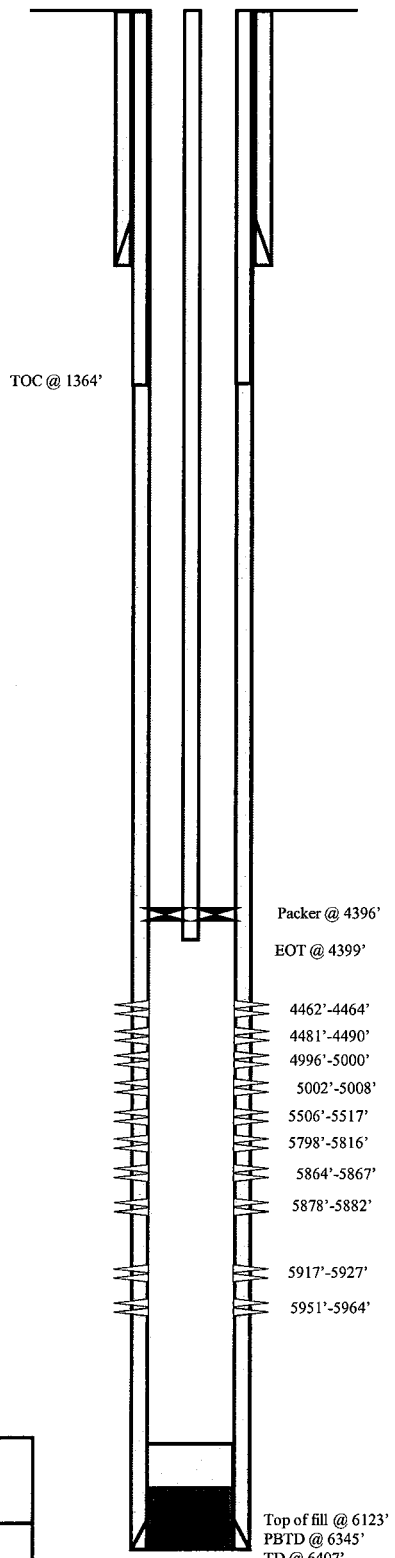
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 304.87'
HOLE SIZE:12-1/4"
CEMENT DATA: 216 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
DEPTH LANDED: 6400.06'
HOLE SIZE: 7-7/8"
CEMENT DATA: 348 sxs Hilift & 428 sxs 50/50 POZ.
CEMENT TOP AT: 1364' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 138 jts (4379.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4391.2' KB
CE @ 4395.55'
TOTAL STRING LENGTH: EOT @ 4399'



FRAC JOB

11/15/92	**5917'-5964'**	**Frac CP sand as follows:** 109,000# 16/30 sand in 1095 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 35 BPM. ISIP 2097 psi. Calc. flush: 5917 gal, Act. flush: 5663 gal.
11/17/92	**5798'-5816'**	**Frac CP sand as follows:** 75,000# 16/30 sand in 670 bbls fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 3100 psi. Calc. flush: 5798 gal, Act. flush: 5614 gal.
11/19/92	**5506'-5517'**	**Frac A-3 sand as follows:** 60,430# 16/30 sand in 583 bbls fluid. Treated @ avg press of 3100 psi w/avg rate of 25 BPM. ISIP 2934 psi. Calc. flush: 5506 gal, Act. flush: 5370 gal.
11/22/92	**4996'-5008'**	**Frac D-1 sand as follows:** 28,500# 16/30 sand in 256 bbls fluid. Treated @ avg press of 2400 psi w/avg rate of 25 BPM. ISIP 2014 psi. Calc. flush: 4996 gal, Act. flush: 4850 gal.
9/22/01		**Rod job.** Update rod and tubing details.
02/06/02	**4462'-4490'**	**Frac GB-4 sand as follows:** 36,260# 16/30 sand in 325 bbls Viking I-25 frac fluid. Treated @ avg press of 2195 psi w/avg rate of 21.2 BPM. ISIP 2500 psi. Calc. flush: 4462 gal, Act. flush: 4242 gal.
08/10/06		**Pump Change.** Update rod and tubing details.
04-01-10		**Convert well to Injection**
04-07-10		**MIT complted – tbg detail updated**

PERFORATION RECORD

11/12/92	5951'-5964'	4 JSPF	52 holes
11/12/92	5917'-5927'	4 JSPF	40 holes
11/12/92	5878'-5882'	4 JSPF	16 holes
11/12/92	5864'-5867'	4 JSPF	12 holes
11/16/92	5798'-5816'	4 JSPF	72 holes
11/18/92	5506'-5517'	4 JSPF	44 holes
11/20/92	5002'-5008'	4 JSPF	24 holes
11/20/92	4996'-5000'	4 JSPF	16 holes
02/06/02	4462'-4464'	4 JSPF	08 holes
02/06/02	4481'-4490'	4 JSPF	36 holes

NEWFIELD

Monument Butte Federal 10-34-8-16
1980' FSL & 1980' FEL
NW/SE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31371; Lease #UTU-16535

LCN 04-08-10

ATTACHMENT E-14

Monument Butte Federal 16-34-8-16

Spud Date: 10/1/97
Put on Production: 11/15/97
GL: 5605.7' KB: 5617.7'

Initial Production: 65 BOPD,
85 MCFPD, 46 BWPD

Injection Wellbore Diagram

SURFACE CASING

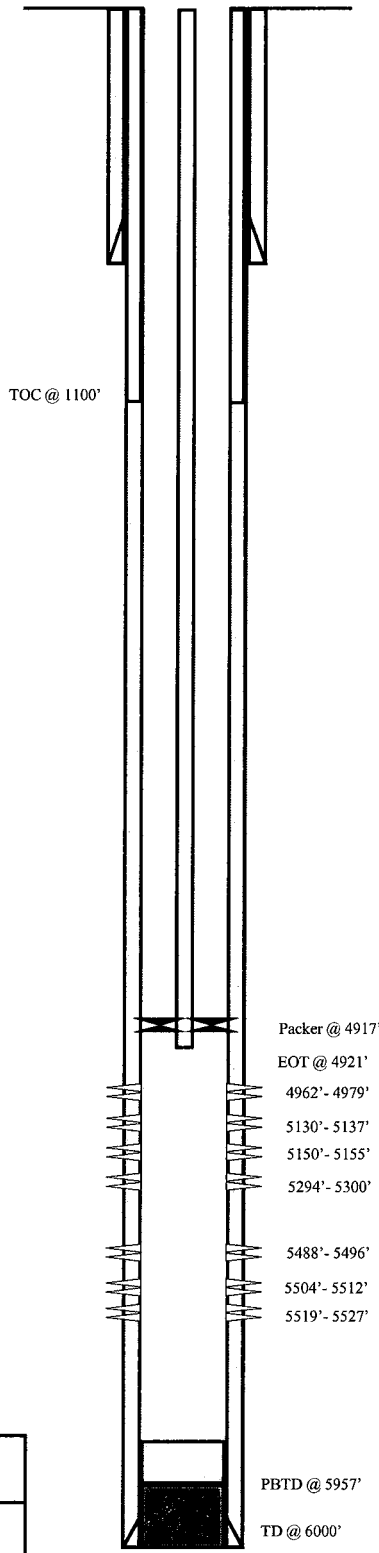
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (299')
DEPTH LANDED: 298'
HOLE SIZE: 12-1/4"
CEMENT DATA:120 sxs Premium cement, est 5 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6006')
DEPTH LANDED: 5999'
HOLE SIZE: 7-7/8"
CEMENT DATA: 420 sk Hibond mixed & 390 sxs Thixotropic
CEMENT TOP AT: 1100'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 157 jts. (4900.9')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4912.9'
CE @ 4917.29'
TOTAL STRING LENGTH: 4921'



FRAC JOB

11/5/97	**5488'-5527'**	**Frac A sand as follows:** 97,300# 20/40 sand in 509 bbls Boragel. Breakdown @ 3396 psi. Treated @ avg press of 1800 psi w/avg rate of 26.3 BPM. ISIP-2336 psi, 5 min 2104 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.
11/7/97	**5294'-5300'**	**Frac B sand as follows:** 88,400# 20/40 sand in 482 bbls Boragel. Breakdown @ 3450 psi. Treated @ avg press of 2550 psi w/avg rate of 24 BPM. ISIP-2383, 5 min 2315. Flowback on 12/64" ck for 3-1/2 hrs & died.
11/9/97	**5130'-5155'**	**Frac C sand as follows:** 97,300# 20/40 sand in 498 bbls Boragel. Breakdown @ 2719 psi. Treated @ avg press of 2200 psi w/avg rate of 24.3 BPM. ISIP-2586 psi, 5 min 2536 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.
11/12/97	**4962'-4979'**	**Frac D sand as follows:** 88,300# 20/40 sand in 474 bbls Boragel. Breakdown @ 2844 psi. Treated @ avg press of 2000 psi w/avg rate of 24 BPM. ISIP-2534 psi, 5 min 2460 psi. Flowback on 12/64" ck for 4 hrs & died.
8/23/01		**Rod job.** Updated rod and tubing details.
02/27/06		**Pump Change.** Update rod and tubing details.
5/19/09		**Tubing Leak.** Updated r & t details.
04/07/10		**Convert to Injection well**
04/14/10		**MIT Completed – tbg detail updated**

PERFORATION RECORD

11/5/97	5488'- 5496'	4 JSPF	32 holes
11/5/97	5504'- 5512'	4 JSPF	32 holes
11/5/97	5519'- 5527'	4 JSPF	32 holes
11/6/97	5294'- 5300'	4 JSPF	24 holes
11/8/97	5130'-5137'	4 JSPF	28 holes
11/8/97	5150'- 5155	4 JSPF	20 holes
11/11/97	4962'- 4979'	4 JSPF	68 holes

NEWFIELD

Federal 16-34-8-16
660 FSL & 660 FEL
SE/SE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31913; Lease #UTU-16535

LCN 04-16-10

Attachment E-15

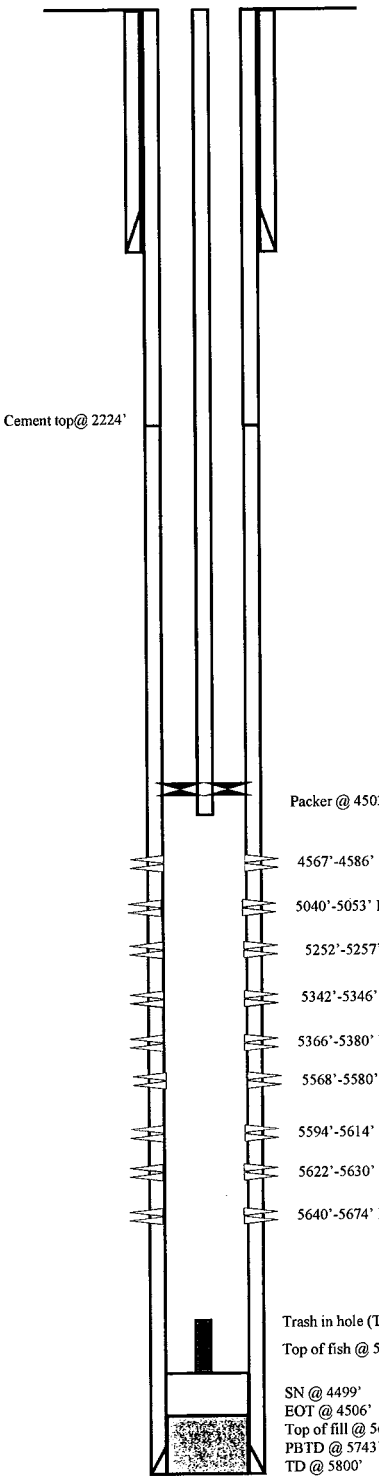
Monument Butte #1-34-8-16

Spud Date: 9/14/1983
Put on Production: 11/2/1983
Put on Injection: 4/10/97
GL: 5585' KB: 5595'

Initial Production:58 BOPD, NM MCFD, 0 BWPD

Injector

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts.
DEPTH LANDED: 240' GL
HOLE SIZE:12-1/4"
CEMENT DATA: 1210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts.
DEPTH LANDED: 5788'
HOLE SIZE: 7-7/8"
CEMENT DATA: 175 sxs Lodense & 375 sxs Thixotropic.
CEMENT TOP AT: 2224' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 140 jts (4498.79')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4499.89' KB
TUBING PACKER: 4503.14'
TOTAL STRING LENGTH: EOT @ 4506.09'

FRAC JOB

10/18/83	5041'-5053'	**Frac D-1 sand as follows:** 82,000# 20/40 sand in 607 bbls gelled KCl fluid. Treated @ avg press of 2400 psi w/avg rate of 26 BPM. ISIP 3330 psi. Screened out w/ 49,800# sand in formation.
7/31/84	5366'-5380'	**Frac B-2 sand as follows:** 31,500# 20/40 sand in 369 bbls gelled KCl fluid. Treated @ avg press of 4820 psi w/avg rate of 20.8 BPM. ISIP 2130 psi.
2/2/85	5574'-5613'	**Frac LODC sand as follows:** 89,480# 20/40 sand in 686 bbls gelled KCl fluid. Treated @ avg press of 4350 psi w/avg rate of 20 BPM. ISIP 2170 psi.
4/20/95	4568'-4586'	**Frac GB-6 sand as follows:** 60,100# 20/40 sand in 384 bbls gelled KCl fluid. Treated @ avg press of 2700 psi w/avg rate of 35 BPM. ISIP 2400 psi.
12/5/96	5252'-5257'	**Acidize Bi-Carb as follows:** 1000 gal 14% HCl.
4/10/97		**Convert to injector.**
1/7/02	4567'-5674'	**Break each zone w/ 15% HCl.**
1/11/02		**Put back on injection**
12/22/06		**5 Year MIT completed and submitted.**

PERFORATION RECORD

10/15/83	5041'-5053'	1 SPF	12 holes
07/28/84	5366'-5380'	1 SPF	14 holes
01/30/85	5574'-5596'	1 SPF	05 holes
01/30/85	5600'-5613'	1 SPF	05 holes
04/20/95	4568'-4686'	4 SPF	72 holes
12/05/95	5252'-5257'	4 SPF	20 holes
01/07/02	5640'-5674'	4 SPF	136 holes
01/07/02	5622'-5630'	4 SPF	42 holes
01/07/02	5594'-5614'	4 SPF	80 holes
01/07/02	5568'-5580'	4 SPF	48 holes
01/07/02	5342'-5346'	4 SPF	16 holes
01/07/02	5040'-5053'	4 SPF	52 holes
01/07/02	4567'-4586'	4 SPF	76 holes

NEWFIELD

Monument Butte # 1-34-8-16
739' FNL & 758' FEL
NENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30808; Lease #U-16535

CD 12/27/06

Attachment E-16

Monument Butte Federal J-34-8-16

Spud Date: 10/19/09
Put on Production: 2/20/10
Well flowing as of 12/17/09
GL: 5567' KB: 5579'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.3')
DEPTH LANDED: 319.30'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ. 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts. (6461.87')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6455.87'
CEMENT DATA: 280 sxs Premlite II & 425 sxs 50/50 POZ.
CEMENT TOP AT: 32' per CBL 12/3/09

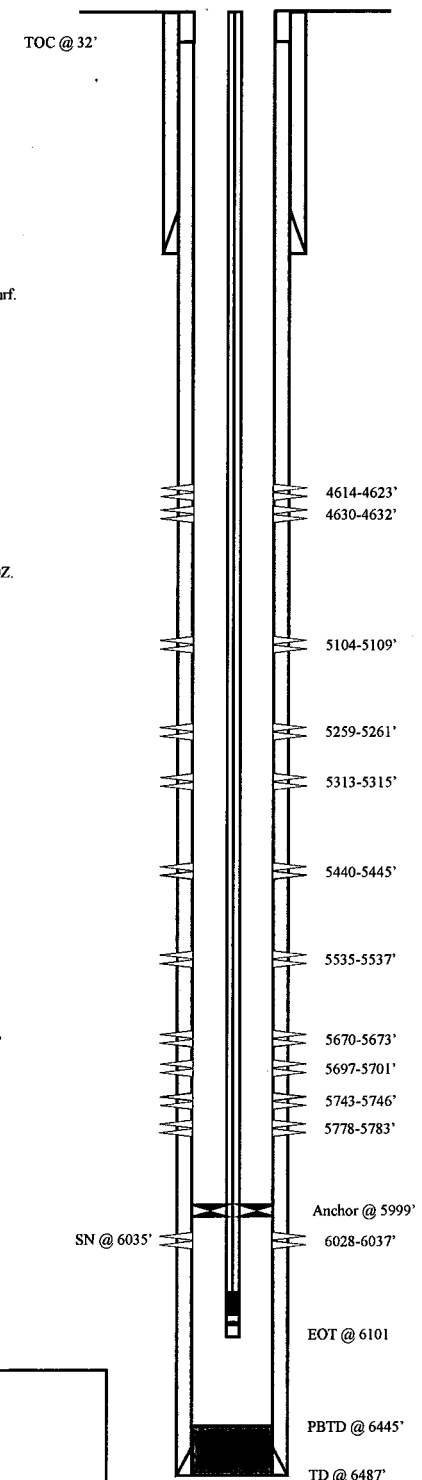
TUBING (KS 2/20/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 184 jts (5987.2')
TUBING ANCHOR: 5999.2'
NO. OF JOINTS: 1 jts (32.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6034.6'
NO. OF JOINTS: 2 jts (65.1')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: 6101'

SUCKER RODS (GI 4/11/13)

POLISHED ROD: 1-1/2" x 30' Polished Rod
SUCKER RODS: 236 x 7/8" 8per Guided Rods, 4 x 1-1/2" Sinker Bars
PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC
STROKE LENGTH: 169"
PUMP SPEED, SPM: 5.7
PUMPING UNIT: DARCO C-640-365-168a

Wellbore Diagram



FRAC JOB

12/18/09	6028-6034'	**Frac CP1 sands as follows:** Frac with 10075# 20/40 sand in 91 bbls Lightning 17 fluid.
12/18/09	5670-5783'	**Frac LODC sands as follows:** Frac with 290139# 20/40 sand in 1837 bbls Lightning 17 fluid.
12/18/09	5440-5537'	**Frac A.5 & B2 sands as follows:** Frac with 19502# 20/40 sand in 170 bbls Lightning 17 fluid.
12/18/09	5104-5315'	**Frac B1, C & D1 sands as follows:** Frac with 50758# 20/40 sand in 319 bbls Lightning 17 fluid.
12/18/09	4614-4632'	**Frac GB6 sands as follows:** Frac with 77612# 20/40 sand in 459 bbls Lightning 17 fluid.

PERFORATION RECORD

6028-6037'	3 JSPF	18 holes
5778-5783'	3 JSPF	15 holes
5743-5746'	3 JSPF	9 holes
5697-5701'	3 JSPF	12 holes
5670-5673'	3 JSPF	9 holes
5535-5537'	3 JSPF	6 holes
5440-5445'	3 JSPF	15 holes
5313-5315'	3 JSPF	6 holes
5259-5261'	3 JSPF	6 holes
5104-5109'	3 JSPF	15 holes
4630-4632'	3 JSPF	6 holes
4614-4623'	3 JSPF	27 holes

NEWFIELD

Monument Butte Federal J-34-8-16
868' FNL & 648' FWL
NW/NW Section 35-T8S-R16E
Duchesne Co, Utah
API # 43-013-33936; Lease # UTU-16535

GI 4/11/13

Attachment E-17

Monument Butte Fed L-34-8-16

Spud Date 6-11-10
Put on Production:8-23-10
GL:5691 ' KB:5703 '

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts 302
DEPTH LANDED: 313.85'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 155jts. (6557.85')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6572.46'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400sxs 50/50 POZ.
CEMENT TOP AT: 166 '

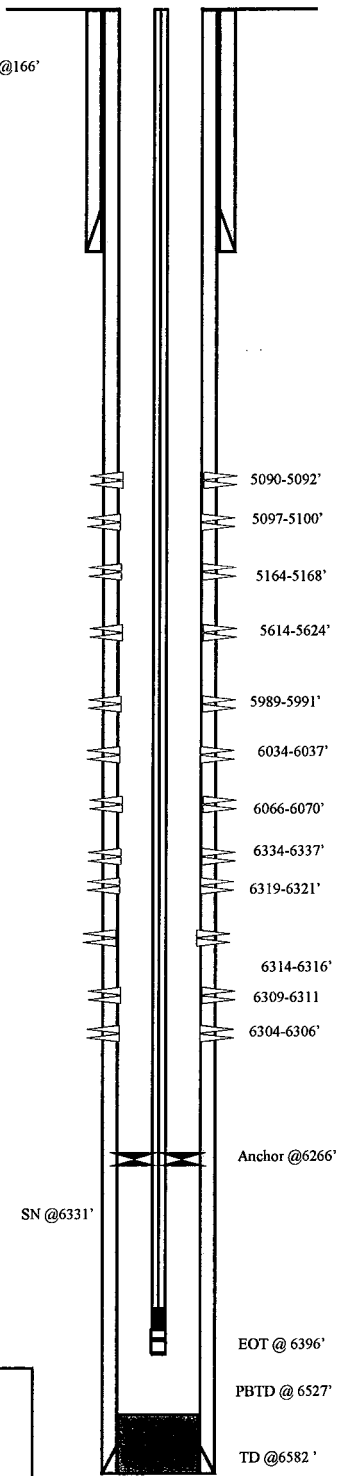
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 199jts (6253.6')
TUBING ANCHOR:6265.6 '
NO. OF JOINTS: 2 jts 62.8')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6331.1' KB
NO. OF JOINTS: 2 jts (62.9')
TOTAL STRING LENGTH: EOT @6396 '

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 1 – 2x 7/8 pony rods, 1 - 4' x 7/8" pony rods,1-8 x 7/8 pony rods, 248- 8-7/8"8 per guided rods, 4- 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 3/4 x 20' x 24' RHAC
STROKE LENGTH:144
PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

8-16-10	**6304-6337'**	**Frac GB sands as follows:**Frac with 29802# 20/40 sand in 262bbls Lightning 17 fluid.
8-16-10	**5989-6070'**	**Frac GB4 sands as follows:**Frac with 76858# 20/40 sand in 478bbls Lightning 17 fluid.
8-16-10	**5614-5624'**	**Frac GB4 sands as follows:**Frac with 35162# 20/40 sand in 237bbls Lightning 17 fluid.
8-16-10	**5090-5168'**	**Frac GB4 sands as follows:**Frac with 53606# 20/40 sand in 353 bbls Lightning 17 fluid.

PERFORATION RECORD

6304-6306'	3 JSPF	6holes
6309-6311'	3 JSPF	6 holes
6314-6316'	3 JSPF	6 holes
6319-6321'	3 JSPF	6 holes
6334-6337'	3 JSPF	9holes
6066-6070'	3 JSPF	12 holes
6034-6037'	3 JSPF	9 holes
5989-5991'	3 JSPF	6 holes
5614-5624'	3 JSPF	30 holes
5164-5168'	3 JSPF	6 holes
5097-5100'	3 JSPF	9 holes
5090-5092'	3 JSPF	6 holes

NEWFIELD

Monument Butte Fed L-34-8-16
SL: 1971 FNL & 1956FEL (NW/SE)
Section 34, T8S, R16
Duchesne Co, Utah
API # 43-013-34125; Lease #UTU-16535

MB-8-23-10

ATTACHMENT E-18

Monument Butte Federal 4A-35R-8-16

Spud Date: 3/4/96
Put on Production: 4/11/96
GL: 5564' KB: 5577'

Initial Production: 106 BOPD,
96 MCFGPD, 8 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 303.93'
DEPTH LANDED: 302.73'(GL)
HOLE SIZE:12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (6100.56')
DEPTH LANDED: 6099.94'
HOLE SIZE: 7-7/8"
CEMENT DATA: 330 sk Hyfill mixed & 355 sxs thixotropic
CEMENT TOP AT: 1100' per CBL

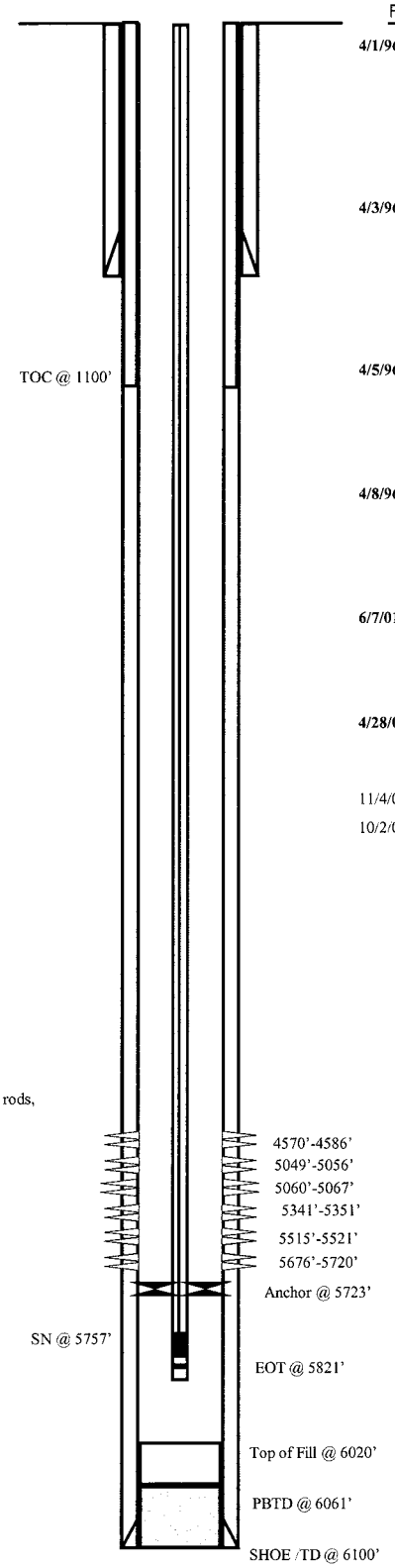
TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50
NO. OF JOINTS: 103 jts (3154.89') 10 jts j-55 (317.43') 53 jts M-50 (1623.39;) 19 jts j-55 (603.85')
TUBING ANCHOR: 5723.08'
NO. OF JOINTS: 1 jt. (31.00')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5757.18'
NO. OF JOINTS: 2 jts. (62.72')
TOTAL STRING LENGTH: EOT @ 5821.45'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-1 1/2" weight bars, 2- 5/8" weight bars, 33-3/4" guided rods, 86-3/4" plain rods, 103-3/4" guided rods, 4', 6', 8', x ¾" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC
STROKE LENGTH: 76"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



FRAC JOB

4/1/96	**5676'-5720'**	**Frac LDC sand as follows:** 102,700# 20/40 sd in 581 bbls Boragel. Breakdown @ 2401'. Treated as Follows: avg rate 34 bpm, avg press 3700 psi. Had to keep reducing flush to stay below 4000# max press. ISIP-3882 psi, 5-min 3350 psi. Flowback after 5 min on 16/64" ck @ 2 bpm.
4/3/96	**5515'-5521'**	**Frac A-1 sand as follows:** 44,000# 20/40 (screen out w/2699 gal into flush 7# sd off frmtn - 26,800# in frmtn) used in 264 bbls fluid. Breakdown @ 2620 psi treated as follows: avg rate 15.8 bpm, avg press 2300 psi. ISIP-screen out, 5-min 2897 psi. Flowback after 5 min on 16/64" ck @ 1 bpm.
4/5/96	**5341'-5351'**	**Frac B-2 sand as follows:** 40,800# 20/40 sd in 328 bbls Boragel. Breakdown @ 1650 psi treated @ avg rate 18.5 bpm, avg press 2200 psi. ISIP 2950 psi, 5-min 2537 psi. Flowback after 5 min on 16/64" ck @ 1.5 bpm.
4/8/96	**5049'-5067'**	**Frac D-1 sand as follows:** 42,700# 20/40 sd in 316 bbls Boragel. Breakdown @ 3010 psi. Treated @ avg rate 19.5 bpm, avg press 2500 psi. ISIP-2383 psi, 5-min 2328 psi. Flowback after 5 min on 16/64" ck @ 1.8 bpm.
6/7/01	**4570'-4586'**	**Frac GB-6 sand as follows:** 97,140# 20/40 sd in 614 bbls Viking I-25 fluid. Treated @ avg rate30.5 bpm, avg press 2330 psi. ISIP-2630 psi. Flowback on 16/64" ck @ 1 bpm.
4/28/03		**Tubing Leak.** Update tubing and rod details.
11/4/05		Parted rods: Update rod and tubing details.
10/2/08		Tubing Leak. Updated rod &tubing details.

PERFORATION RECORD

3/30/96	5676'-5720'	2 JSPF	80 holes
4/2/96	5515'-5521'	4 JSPF	24 holes
4/4/96	5341'-5351'	4 JSPF	40 holes
4/6/96	5049'-5056'	4 JSPF	28 holes
4/6/96	5060'-5067'	4 JSPF	28 holes
7/22/01	4570'-4586'	4 JSPF	64 holes

NEWFIELD

Monument Federal 4A-35R-8-16
859 FNL & 660 FWL
NW/NW Section 35-T8S-R16E
Duchesne Co, Utah
API #43-013-31585; Lease #UTU-16535

DF 2/13/09

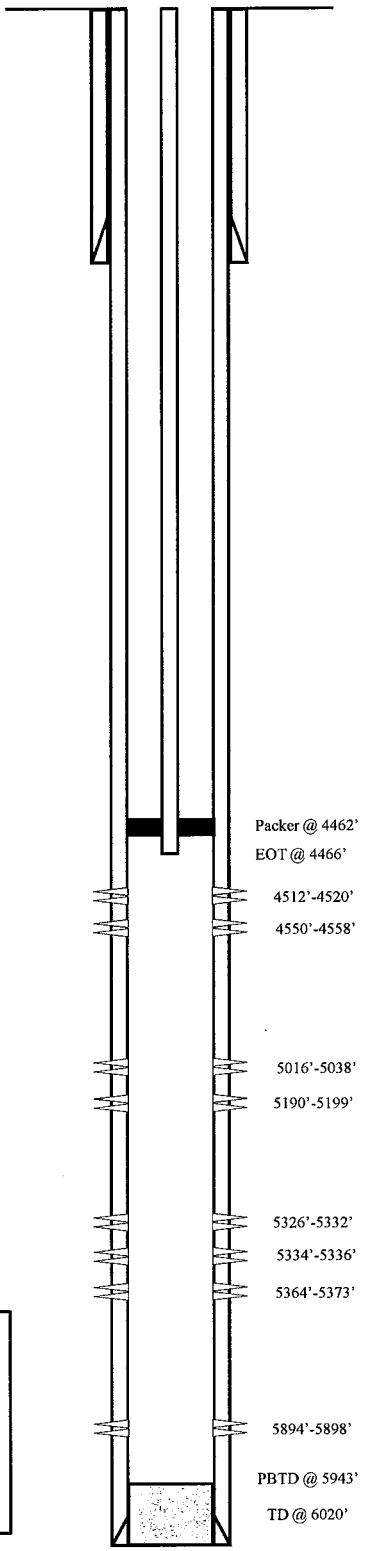
Attachment E-19

Monument Butte Fed. 5-35-8-16

Spud Date: 10/3/82
Put on Production: 11/5/82
Put on Injection: 2/01/88
GL: 5584' KB: 5594'

Initial Production: 176 BOPD, NM MCFD, 16 BWPD

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 284'
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 17#
LENGTH: 143 jts.
DEPTH LANDED: 5985'
HOLE SIZE: 7-7/8"
CEMENT DATA: 375 sxs Hilift & 250 sxs RFC.
CEMENT TOP AT: 1080' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 140 jts. (4439.7')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4457.7' KB
PACKER CE @: 4462' KB
TOTAL STRING LENGTH: EOT @ 4466' KB

FRAC JOB

10/22/82	5326'-5373'	**Frac B2 sand as follows:** 104,000# 20/40 sand in 1023 bbls frac fluid. Treated @ avg press of 2900 psi w/avg rate of 36 BPM. ISIP 2000 psi. Flushed to perfs.
10/28/82	5016'-5038'	**Frac D1 sand as follows:** 120,000# 20/40 sand in 1023 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 35 BPM. ISIP 1950 psi. Flushed to perfs.
08-29-03		Conversion to Injection Well. Update tubing detail
8/6/08		**5 Year MIT completed and submitted.**
7/11/08		**Zone stimulation**
05/02/11		**Tubing Leak.** Rod detail updated.

PERFORATION RECORD

10/21/82	5326'-5332'	06 holes	
10/21/82	5334'-5336'	02 holes	
10/21/82	5364'-5373'	09 holes	
10/27/82	5016'-5038'	23 holes	
08/26/03	5894'-5898'	4 JSPF	16 holes
08/26/03	5190'-5199'	4 JSPF	36 holes
08/26/03	4550'-4558'	4 JSPF	32 holes
08/26/03	4512'-4520'	4 JSPF	32 holes

NEWFIELD

Monument Butte Fed. 5-35-8-16
2042' FNL & 661' FWL
SWNW Section 35-T8S-R16E
Duchesne Co, Utah
API #43-013-30686; Lease #U-16535

ATTACHMENT E-20

Monument Butte Fed. #6-35-8-16

Spud Date: 7/13/82
Put on Production: 8/18/83
GL: 5562'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 280'
HOLE SIZE:12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt. to surf

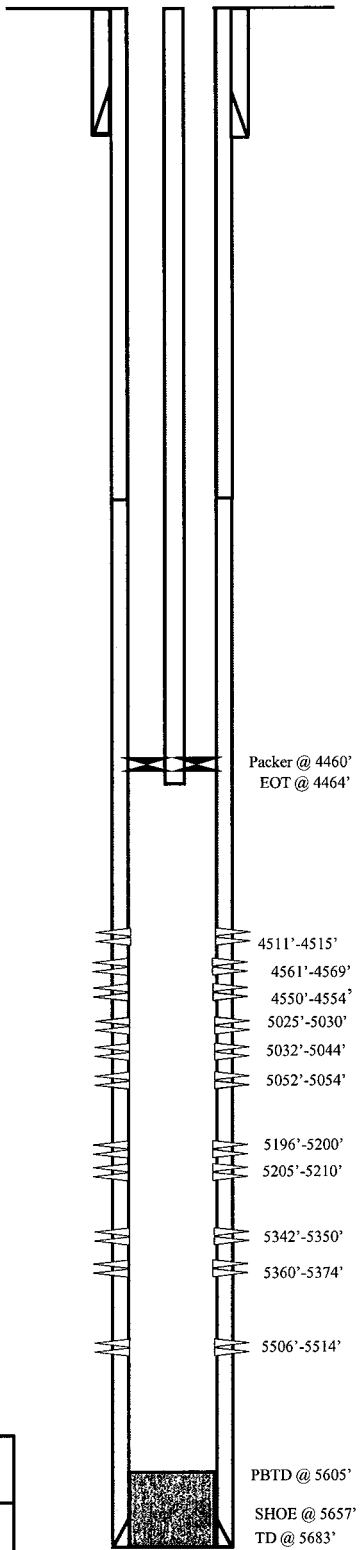
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts.
DEPTH LANDED: 5656.58'
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sx Lodense & 300 sxs Gypseal.
CEMENT TOP AT: 2464' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 137 jts. (4445.38')
TUBING ANCHOR: 4459.53'
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4455.38'
TOTAL STRING LENGTH: EOT @ 4463.85'

Injection Wellbore Diagram



FRAC JOB

8/3/83	5025'-5055'	**Frac as follows:** 102,000# 20/40 sand in 672 bbls fluid. Treated @ avg press of 2320 psi w/avg rate of 32 BPM. ISIP 2020 psi.
1/10/91	5342'-5374'	**Frac as follows:** 65,000# 20/40 sand in 1002 bbls fluid. Treated @ avg press of 3800 psi w/avg rate of 17 BPM. ISIP 2440 psi.
11/30/01		Tubing leak. Update rod and tubing details.
12/9/02	5506'-5514'	**Frac A sands as follows:** 19,730# 20/40 sand in 189 bbls Viking I-25 fluid. Treated @ avg. pressure of 4595 psi w/avg. rate of 18.2 BPM. ISIP - 7400 psi. Calc. flush: 1442 gals. Actual flush: 1302 gals.
12/9/02	5196'-5210'	**Frac C sands as follows:** 24,541# 20/40 sand in 222 bbls Viking I-25 fluid. Treated @ avg. pressure of 4090 psi w/avg. rate of 18.2 BPM. ISIP - 2400 psi. Calc. flush: 1442 gals. Actual flush: 1260 gals.
12/9/02	4511'-4569'	**Frac GB sands as follows:** 61,347# 20/40 sand in 471 bbls Viking I-25 fluid. Treated @ avg. pressure of 2010 psi w/avg. rate of 26.2 BPM. ISIP - 2150 psi. Calc. flush: 4511 gals. Actual flush: 4410 gals.
03/16/04		**Parted Rods. Update rod details.**
10/15/08		**Well converted to an Injection Well.**
10/27/08		**MIT completed and submitted.**
10/23/08		**Tubing Leak. Updated tubing details.**

PERFORATION RECORD

8/3/83	5052'-5054'	1 JSPF	3 holes
8/3/83	5032'-5044'	1 JSPF	13 holes
8/3/83	5026'-5030'	1 JSPF	6 holes
1/7/91	5052'-5054'	3 JSPF	9 holes
1/7/91	5032'-5044'	3 JSPF	39 holes
1/7/91	5025'-5030'	3 JSPF	18 holes
1/7/91	5342'-5350'	4 JSPF	32 holes
1/7/91	5360'-5374'	4 JSPF	56 holes
12/6/02	5506'-5514'	4 JSPF	32 holes
12/6/02	5205'-5210'	4 JSPF	20 holes
12/6/02	5196'-5200'	4 JSPF	16 holes
12/6/02	4561'-4569'	4 JSPF	32 holes
12/6/02	4550'-4554'	4 JSPF	16 holes
12/6/02	4511'-4515'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. #6-35-8-16

1831' FNL & 1968' FWL

SE/NW Section 35-T8S-R16E

Duchesne Co, Utah

API #43-013-30751; Lease #UTU-16535

DF 2/25/09

Attachment E-21

Monument Butte Fed. #12-35

Spud Date: 6/5/1983
Put on Production: 11/19/1988
GL: 5586' KB: 5597'

Initial Production: 33 BOPD, 80 MCFD, NM BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts.
DEPTH LANDED: 304'
HOLE SIZE:12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

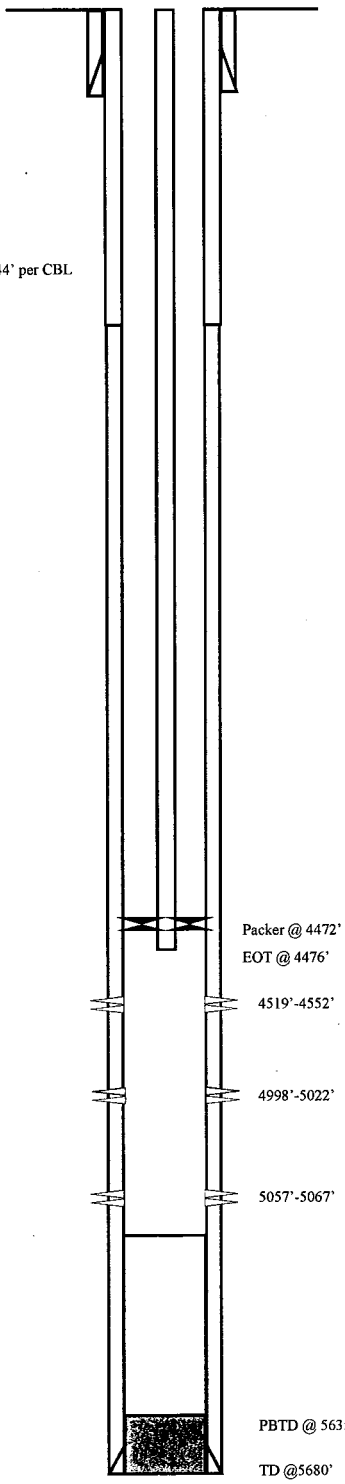
Cement Top @ 1144' per CBL

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts.
DEPTH LANDED: 5677'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs LoDense & 300 sxs Gypseal
CEMENT TOP AT: 1144' per CBL

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 141 jts (4456.38')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 4467.38' KB
Arrowset 1-X pkr (7.40)
CE (3.30') @ 4471.78
TOTAL STRING LENGTH: EOT @ 4475.88'



FRAC JOB

7/13/83	5000'-5022'	**Frac D-1 sand as follows:** 124,300# 20/40 sand in 858 bbls Viking I-25 fluid.
7/13/83	4998'-5022'	**Break zones as follows:**
	5057'-5067'	164 bbl. 3% KCl, max press. 2500#, ISIP 1800#.
5/18/01	4519'-4552'	**Frac GB-6 sand as follows:** 146,000# 20/40 sand in 910 bbls Viking I-25 fluid. Treat @ avg. pressure of 2100 psi at 29.8 BPM. ISIP 2430 psi. Calc. Flush: 4519 bbl. Act. Flush: 4326 bbl. Flow 7 hrs. then died.
12/26/01		Rod job. Update rod and tubing details.
4/18/03		Tubing leak. Update rod and tubing details.
07/15/09		Converted to Injection well
07/17/09		MIT completed update tbg detail

PERFORATION RECORD

7/12/83	4998'-5022'	4 JSPF	96 holes
11/18/88	5057'-5067'	4 JSPF	40 holes
5/17/01	4519'-4552'	4 JSPF	132 holes

NEWFIELD

Monument Butte Fed. #12-35
779' FWL & 1839' FSL
NWSW Section 35-T8S-R16E
Duchesne Co, Utah
API #43-013-30744; Lease #U-16535

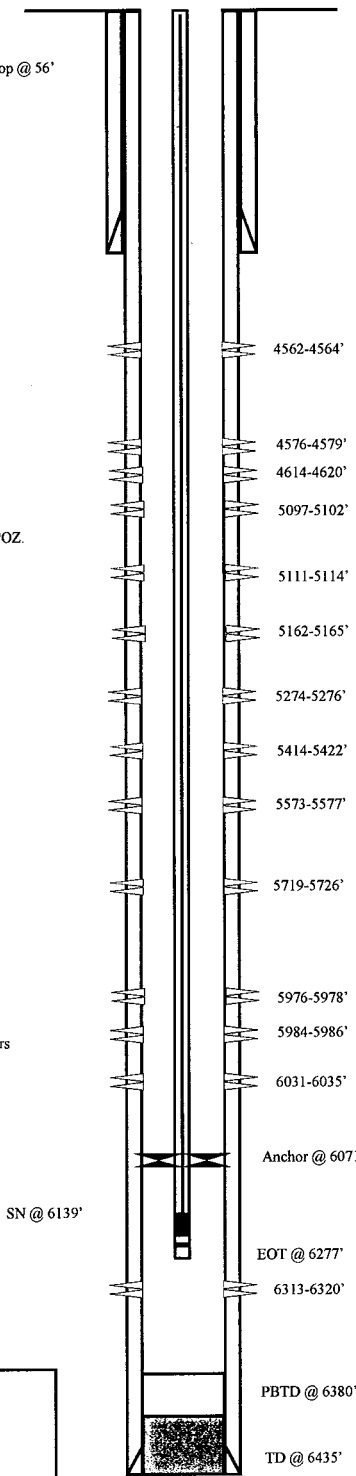
JP 07/28/09

Attachment E-22

Monument Butte Federal N-35-8-16

Spud Date: 10/13/09
Put on Production: 1/21/2010
GL: 5570' KB: 5582'

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.49')
DEPTH LANDED: 321.31'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts. (6367.76')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6423.12'
CEMENT DATA: 281 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 56'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 186 jts (6059.3')
TUBING ANCHOR: 6071.3'
NO. OF JOINTS: 2 jts (6074.1')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6139.3' KB
NO. OF JOINTS: 1 jts (32.6')
TOTAL STRING LENGTH: EOT @ 6277'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 241- 7/8" guided rods (8 per), 4- 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 ¾ x 20' x 24' RHAC
STROKE LENGTH: 142"
PUMP SPEED, SPM: 7

FRAC JOB

1/21/2010	6313-6320'	**Frac CP4 sands as follows:** Frac with 35509# 20/40 sand in 228 bbls Lightning 17 fluid.
1/21/2010	5976-6035'	**Frac CP.5 & CP1 sands as follows:** Frac with 14873# 20/40 sand in 124 bbls Lightning 17 fluid.
1/21/2010	5573-5726'	**Frac A3 & LODC sands as follows:** Frac with 24774# 20/40 sand in 211 bbls Lightning 17 fluid.
1/21/2010	5274-5422'	**Frac C & B2 sands as follows:** Frac with 35618# 20/40 sand in 234 bbls Lightning 17 fluid.
1/21/2010	5091-5165'	**Frac D1 & D2 sands as follows:** Frac with 90633# 20/40 sand in 383 bbls Lightning 17 fluid.
1/21/2010	4562-4620'	**Frac GB4 & GB6 sands as follows:** Frac with 100094# 20/40 sand in 595 bbls Lightning 17 fluid.

PERFORATION RECORD

6313-6320'	3 JSPF	21 holes
6031-6035'	3 JSPF	12 holes
5984-5986'	3 JSPF	6 holes
5976-5978'	3 JSPF	6 holes
5719-5726'	3 JSPF	21 holes
5573-5577'	3 JSPF	12 holes
5414-5422'	3 JSPF	24 holes
5274-5276'	3 JSPF	6 holes
5162-5165'	3 JSPF	9 holes
5111-5114'	3 JSPF	9 holes
5097-5102'	3 JSPF	15 holes
4614-4620'	3 JSPF	18 holes
4576-4579'	3 JSPF	9 holes
4562-4564'	3 JSPF	6 holes

NEWFIELD

Monument Butte Federal N-35-8-16
1856' FSL & 1871' FWL
NE/SW Section 35-T8S-R16E
Duchesne Co, Utah
API # 43-013-33872; Lease # UTU-16535

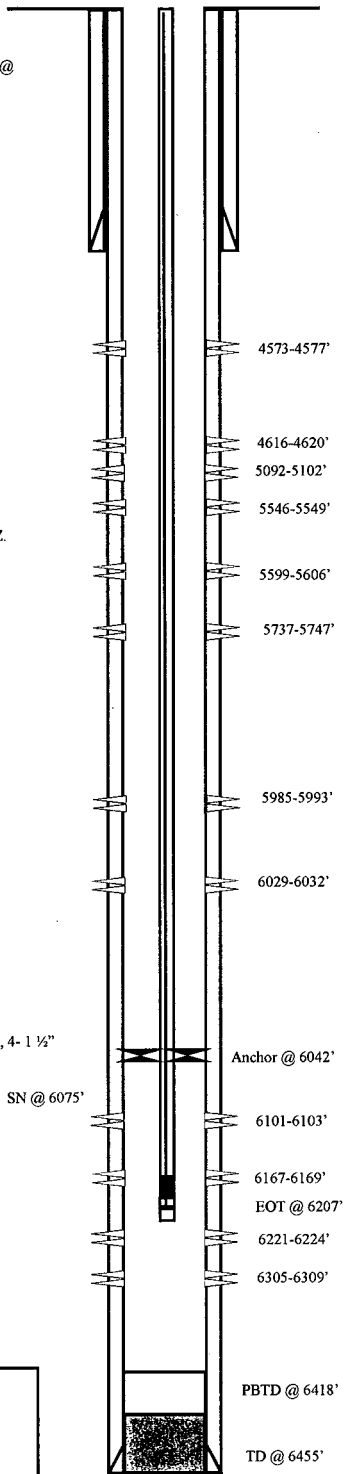
ML 2-10-10

Attachment E-23

Monument Butte Federal O-35-8-16

Spud Date: 10-6-09
Put on Production: 12/4/09
GL: 5606' KB: 5618'

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts. (307.75')
DEPTH LANDED: 319.60'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 153 jts. (6405.41')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6440.81'
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 192 jts (6030.2')
TUBING ANCHOR: 6042.2'
NO. OF JOINTS: 1 jts (30.3')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6075.3' KB
NO. OF JOINTS: 1 jts (30.3')
TOTAL STRING LENGTH: EOT @ 6207'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 1- 4' x 7/8" pony rod, 238- 7/8" guided rods (4 per), 4- 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 ¾ x 21' x 24' RHAC
STROKE LENGTH: 144
PUMP SPEED, SPM: 5

FRAC JOB

12/4/09	6101-6309'	**Frac CP2, CP3, CP4 & CP5 sands as follows:** Frac with 50,416# 20/40 sand in 338 bbls Lightning 17 fluid.
12/4/09	5985-6032'	**Frac CP.5 & CP1 sands as follows:** Frac 34,427# 20/40 sand in 230 bbls Lightning 17 fluid.
12/4/09	5737-5747'	**Frac LODC sands as follows:** Frac 80,757# 20/40 sand in 480 bbls Lightning 17 fluid.
12/4/09	5546-5606'	**Frac A1 & A3 sands as follows:** Frac 76,214# 20/40 sand in 465 bbls Lightning 17 fluid.
12/4/09	5092-5102'	**Frac D1 sands as follows:** Frac 60,348# 20/40 sand in 370 bbls Lighting 17 fluid.
12/4/09	4573-4620'	**Frac GB4 & GB6 sands as follows:** Frac 9943# 20/40 sand in 109 bbls Lighting 17 fluid.

PERFORATION RECORD

6305-6309'	3 JSPF	12 holes
6221-6224'	3 JSPF	9 holes
6167-6169'	3 JSPF	6 holes
6101-6103'	3 JSPF	6 holes
6029-6032'	3 JSPF	9 holes
5985-5993'	3 JSPF	24 holes
5737-5747'	3 JSPF	30 holes
5599-5606'	3 JSPF	21 holes
5546-5549'	3 JSPF	9 holes
5092-5102'	3 JSPF	30 holes
4616-4620'	3 JSPF	12 holes
4573-4577'	3 JSPF	12 holes

NEWFIELD

Monument Butte Federal O-35-8-16
1900' FSL & 636'FEL
NE/SE Section 34-T8S-R16E
Duchesne Co, Utah
API # 43-013-33873; Lease # UTU-16535

ML 2/4/2010

Monument Butte Q-35-8-16

Spud Date: 5-18-08
Put on Production: 6-23-08

GL: 5591' KB: 5603'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.30')
DEPTH LANDED: 322.15'
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G", circ. 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts (6517.91)
DEPTH LANDED: 6531.16'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Premlite II and 450 sxs 50/50 POZ
CEMENT TOP AT: 190' per CBL 6/12/08

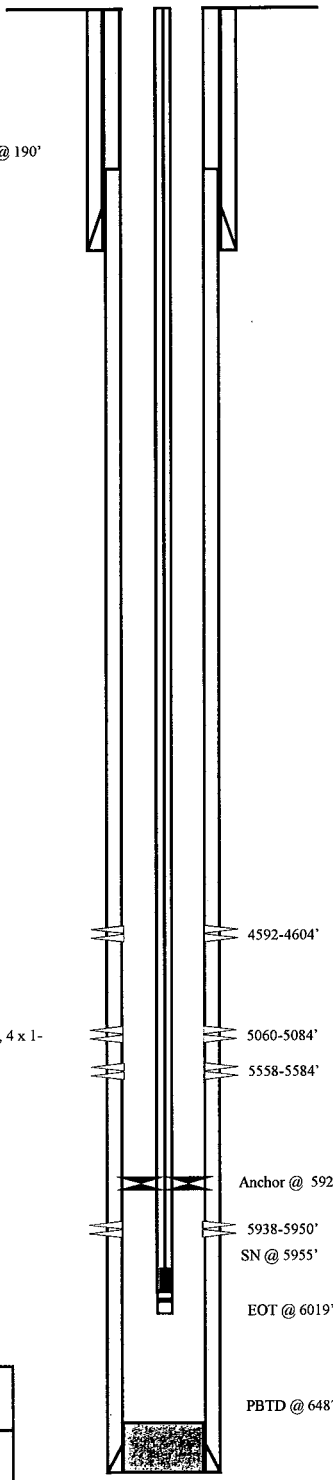
TUBING (GI 6/23/08)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 188 jts (5908.84')
TUBING ANCHOR: 5920.84'kb
NO. OF JOINTS: 1jt (31.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5954.94'
NO. OF JOINTS: 2jts (62.92')
TOTAL STRING LENGTH: EOT @ 6019.41'

SUCKER RODS (GI 7/9/12)

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 2', 6' x 7/8" pony rods, 233 x 7/8" guided rods (8per), 4 x 1-½" weight bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC
STROKE LENGTH: 124"
PUMP SPEED, SPM: 5
PUMPING UNIT: DARCO C-456-305-144

Wellbore Diagram



FRAC JOB

6-17-08 5938-5950' **Frac CP.5 sds as follows:**
19,945# 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2264 psi @ ave rate of 23.3 BPM. ISIP 1981 psi. Actual flush: 5418 gals.

6-17-08 5558-5584' **Frac A1 sds as follows:**
160,780# 20/40 sand in 1113 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1421 psi @ ave rate of 26.2 BPM. ISIP 2010 psi. Actual flush: 5040 gals.

6-17-08 5060-5084' **Frac D1 sds as follows:**
40,231# 20/40 sand in 412 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1962 psi @ ave rate of 23.3 BPM. ISIP 2408 psi. Actual flush: 4540 gals.

6-17-08 4592-4604' **Frac GB6 sds as follows:**
46,614# 20/40 sand in 434 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2016 psi @ ave rate of 23.2 BPM. ISIP 2278 psi. Actual flush: 4498 gals.

PERFORATION RECORD

4592-4604'	4 JSPF	48 holes
5060-5084'	4 JSPF	96 holes
5558-5584'	4 JSPF	104 holes
5938-5950'	4 JSPF	48 holes

NEWFIELD

Monument Butte Q-35-8-16

1821' FSL & 764' FWL
NE/SW Section 35-T8S-R16E
Duchesne Co, Utah
API # 43-013-33752; Lease # UTU-16535

GI 4/22/13

Monument Butte Federal I-34-8-16

Spud Date: 10/14/2009
Put on Production: 12/17/2009

GL: 5594' KB: 5606'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.08')
DEPTH LANDED: 321.93
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 156 jts. (6533.04')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6548.44'
CEMENT DATA: 280 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 58'

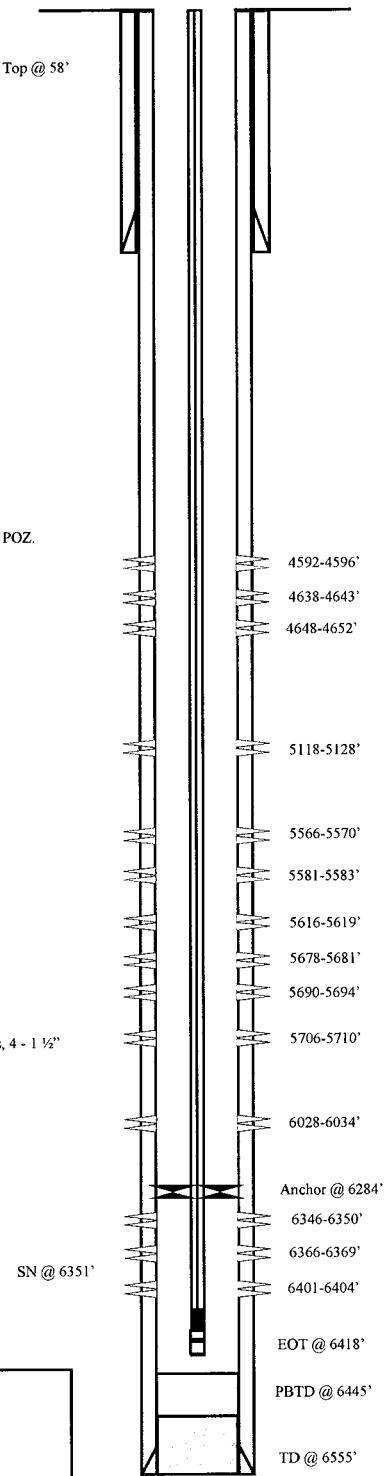
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 193 jts (6284')
TUBING ANCHOR: 6283.9'
NO. OF JOINTS: 2 jts (65.0')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6351.7' KB
NO. OF JOINTS: 2 jts (65.0')
TOTAL STRING LENGTH: EOT @ 6418'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 1 - 4' x 7/8" pony rods, 250 - 7/8" guided rods, 4 - 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 ¾ x 21' x 24' RHAC
STROKE LENGTH: 144
PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

12-17-09	**6346-6404'**	**Frac CP5 & BSL sands as follows:** Frac with 24558# 20/40 sand in 144 bbls Lightning 17 fluid.
12-17-09	**6028-6034'**	**Frac CP.5 sands as follows:** Frac with 10657# 20/40 sand in 60 bbls Lightning 17 fluid.
12-17-09	**5678-5710'**	**Frac LODC sands as follows:** Frac with 160910# 20/40 sand in 673 bbls Lightning 17 fluid.
12-17-9-09	**5566-5619'**	**Frac A3 & A1 sands as follows:** Frac with 70541# 20/40 sand in 302 bbls Lightning 17 fluid.
12-17-09	**5118-5128'**	**Frac D1 sands as follows:** Frac with 46288# 20/40 sand in 211 bbls Lightning 17 fluid.
12-17-09	**4592-4652'**	**Frac GB6 & GB4 sands as follows:** Frac with 73363# 20/40 sand in 294 bbls Lightning 17 fluid.
01/06/2010		Stuck Pump. Updated rod and tubing details
03/29/2010		Pump Change. Updated rod and tubing details
2/3/2011		Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

6401-6404'	3 JSPF	9 holes
6366-6369'	3 JSPF	9 holes
6346-6350'	3 JSPF	12 holes
6028-6034'	3 JSPF	18 holes
5706-5710'	3 JSPF	12 holes
5690-5694'	3 JSPF	12 holes
5678-5681'	3 JSPF	9 holes
5616-5619'	3 JSPF	9 holes
5581-5583'	3 JSPF	6 holes
5566-5570'	3 JSPF	12 holes
5118-5128'	3 JSPF	30 holes
4648-4652'	3 JSPF	12 holes
4638-4643'	3 JSPF	15 holes
4592-4596'	3 JSPF	12 holes

NEWFIELD

Monument Butte Federal I-34-8-16
657' FNL & 1967' FEL (NW/NE)
BHL: 1534' FNL & 1142' FEL (SE/NE)
Section 34, T8S, R16E
Duchesne Co, Utah
API # 43-013-33871; Lease # UTU-16535

CB 3/10/2011

Greater Monument Butte B-3-9-16

Spud Date: 11/15/10
Put on Production: 1/13/11

GL: 5612' KB: 5624'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302.1')
DEPTH LANDED: 313.95'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 155 jts. (6526.7')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6541.31'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 372 '

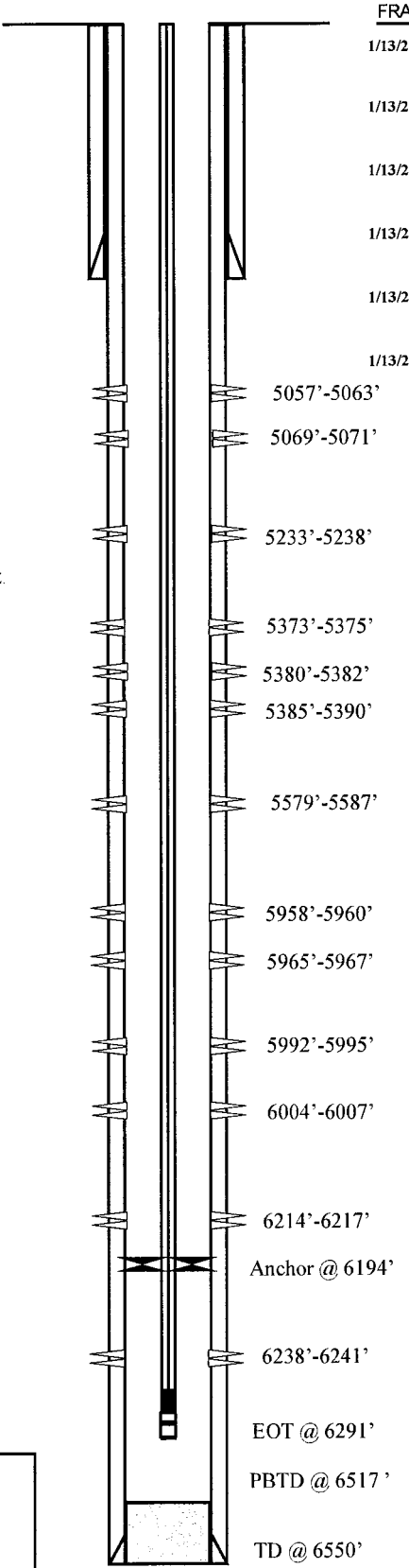
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 198 jts (6182')
TUBING ANCHOR: 6194'
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6228.3' KB
NO. OF JOINTS: 2 jts (61.7')
TOTAL STRING LENGTH: EOT @ 6291'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 1 - 7/8" = 2' pony rods; 1 - 7/8" = 4' pony rods; 243 – 7/8" = 6075' 8 per guided rods; 4 - 1 ½" = 100' weight bars
PUMP SIZE: 2 ½ x 1 3/4 x 20' x 24' RHAC
STROKE LENGTH: 144
PUMP SPEED: 5 SPM

Wellbore Diagram



FRAC JOB

1/13/2011	6214'- 6241'	**Frac CP5 sands as follows:** Frac with 9,766# 20/40 sand in 165 bbls Lightning 17 fluid.
1/13/2011	5958' – 6007'	**Frac CP1 & CP2 sands as follows:** Frac with 67,860# 20/40 sand in 422 bbls Lightning 17 fluid.
1/13/2011	5579' – 5587'	**Frac A3 sands as follows:** Frac with 25,267# 20/40 sand in 214 bbls Lightning 17 fluid.
1/13/2011	5373' – 5390'	**Frac B2 sands as follows:** Frac with 54,471# 20/40 sand in 346 bbls Lightning 17 fluid.
1/13/2011	5233' – 5238'	**Frac C sands as follows:** Frac with 10,291# 20/40 sand in 92 bbls Lightning 17 fluid.
1/13/2011	5057' – 5072'	**Frac D sands as follows:** Frac with 16,385#20/40 sand in 153 bbls Lightning 17 fluid.

PERFORATION RECORD

6238'-6241'	3 JSPF	9 holes
6214'-6217'	3JSPF	9 holes
6004'-6007'	3 JSPF	9 holes
5992'-5995'	3 JSPF	9 holes
5965'-5967'	3 JSPF	6 holes
5958'-5960'	3 JSPF	6 holes
5579'-5587'	3 JSPF	24 holes
5385'-5390'	3 JSPF	15 holes
5380'-5382'	3 JSPF	6 holes
5373'-5375'	3 JSPF	6 holes
5233'-5238'	3 JSPF	15 holes
5069'-5071'	3 JSPF	6 holes
5057'-5063'	3 JSPF	18 holes

NEWFIELD

Greater Monument Butte B-3-9-16
632' FSL & 692' FEL (SE/SE)
Section 34, T8S, R16E
Duchesne Co, Utah
API # 43-013-50281; Lease # UTU-16535

VC 2/16/11

Greater Monument Butte E-2-9-16

Spud Date: 11-12-10
Put on Production:1-5-11

GL: 5612' KB:5624'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts. 296.6')

DEPTH LANDED 308.45'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152jts.(6430.85')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6445.46'

CEMENT DATA: 275sxs Prem. Lite II mixed & 400sxs 50/50 POZ.

CEMENT TOP AT:240'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 198jts (6169.7')

TUBING ANCHOR: 6181.7'

NO. OF JOINTS: 2 jts (62.8')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED: 6247.3' KB

NO. OF JOINTS: 2jts (62.8')

TOTAL STRING LENGTH: EOT @6312'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'

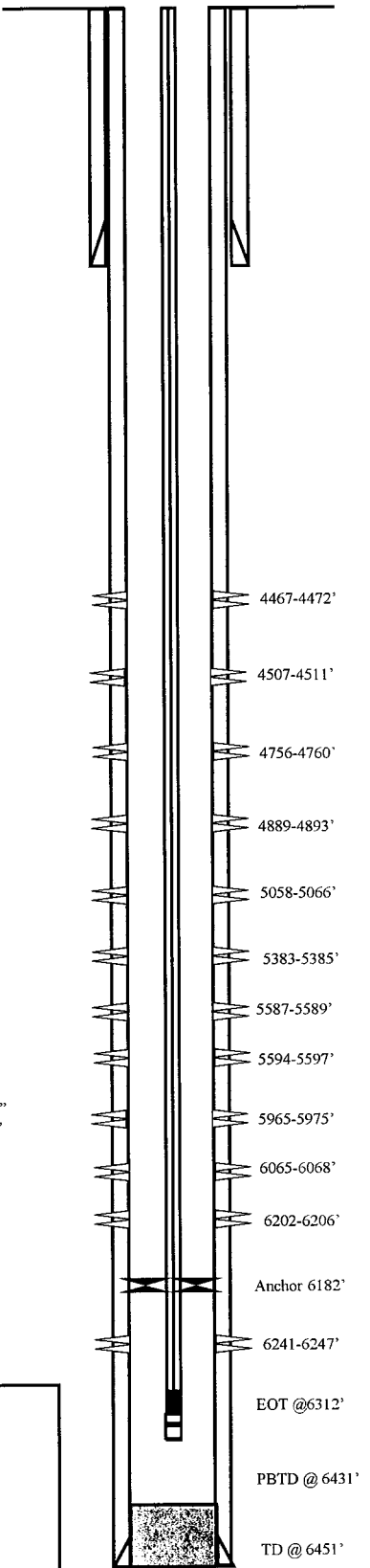
SUCKER RODS:1-2 x 7/8" pony rods,1-4 x 7/8" pony rods, 1-6x 7/8:" pony rods ,1-8 x 7/8" pony rods, 234-x 7/8" 4 per guided rods, 4- 1 ½" weight bars

PUMP SIZE: 2 ½ x 1 ¾"x 20"x 24" RHAC

STROKE LENGTH:144

PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

12-17-10	**6202-6247'**	**Frac CP4 & CP5 sands as follows:**Frac with 20441# 20/40 sand in 171bbls Lighting 17 fluid.
12-20-10	**5965-6068'**	**Frac CP3 &CP1 sands as follows:**Frac with 24806# 20/40 sand in 213bbls Lightning 17 fluid.
12-20-10	**5383-5597'**	**Frac B2 & A3 sands as follows:**Frac with 20319# 20/40 sand in 172bbls Lightning 17 fluid.
12-20-10	**5058-5066'**	**Frac D1 sands as follows:**Frac with 30311# 20/40 sand in 251bbls Lightning 17 fluid.
12-20-10	**4756-4893'**	**Frac PB10 & Xstray sands as follows:**Frac with 20440# 20/40 sand in 172bbls Lightning 17 fluid.
12-20-10	**4507-4472'**	**Frac GB4 & GB2 sands as follows:**Frac with 24503# 20/40 sand in 213bbls Lightning 17 fluid.

PERFORATION RECORD

6241-6247'	3 JSPF	18holes
6202-6206'	3 JSPF	12 holes
6065-6068'	3 JSPF	9holes
5965-5975'	3 JSPF	30 holes
5594-5597'	3 JSPF	9holes
5587-5589'	3 JSPF	6holes
5383-5385'	3 JSPF	6holes
5058-5066'	3 JSPF	24holes
4889-4893'	3 JSPF	12holes
4756-4760'	3 JSPF	12holes
4507-4511'	3 JSPF	12holes
4467-4472'	3 JSPF	15holes
4467-4472'	3 JSPF	15holes

NEWFIELD

Greater Monument Butte E-2-9-16
SHL - 645' FSL & 675' FEL (SE/SE)
Section 34, T8S, R16
BHL – 10 FNL & 10 FWL (NE/NE)
Section 2, T9S, R16
Duchesne Co, Utah
API # 43-013-50285; Lease # USA UTU-16535

MB-2-18-11

ATTACHMENT F
1 of 6

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem
A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **MBIF**
Sample Point: **After Filter**
Sample Date: **11/28/2012**
Sample ID: **WA-229143**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	12/5/2012
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	1.002
pH:	7.90
Calculated TDS (mg/L):	7645.92
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	67.00
H_2S in Gas (%):	
H2S in Water (mg/L):	2.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	2811.52	Chloride (Cl):	4000.00
Potassium (K):	12.00	Sulfate (SO_4):	40.00
Magnesium (Mg):	17.20	Bicarbonate (HCO_3):	732.00
Calcium (Ca):	32.50	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	0.40	Propionic Acid (C_2H_5COO)	
Iron (Fe):	0.17	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.02	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.11	Silica (SiO_2):	

Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.18	22.96	0.00	0.00	1.10	0.09	0.93	0.11	0.00	0.00	0.00	0.00	0.00	0.00	6.99	0.01
200.00	60.00	1.11	22.06	0.00	0.00	1.07	0.08	0.86	0.11	0.00	0.00	0.00	0.00	0.00	0.00	7.06	0.01
190.00	60.00	1.05	21.08	0.00	0.00	1.04	0.08	0.79	0.11	0.00	0.00	0.00	0.00	0.00	0.00	7.13	0.01
180.00	60.00	0.98	20.02	0.00	0.00	1.01	0.08	0.72	0.10	0.00	0.00	0.00	0.00	0.00	0.00	7.20	0.01
170.00	60.00	0.92	18.90	0.00	0.00	0.99	0.08	0.65	0.09	0.00	0.00	0.00	0.00	0.00	0.00	7.28	0.01
160.00	60.00	0.85	17.74	0.00	0.00	0.97	0.08	0.58	0.09	0.00	0.00	0.00	0.00	0.00	0.00	7.37	0.01
150.00	60.00	0.79	16.54	0.00	0.00	0.97	0.08	0.50	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.47	0.01
140.00	60.00	0.74	15.34	0.00	0.00	0.96	0.08	0.43	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.57	0.01
130.00	60.00	0.68	14.14	0.00	0.00	0.97	0.08	0.35	0.07	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0.01
120.00	60.00	0.63	12.97	0.00	0.00	0.98	0.08	0.27	0.06	0.00	0.00	0.00	0.00	0.00	0.00	7.81	0.01

		Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
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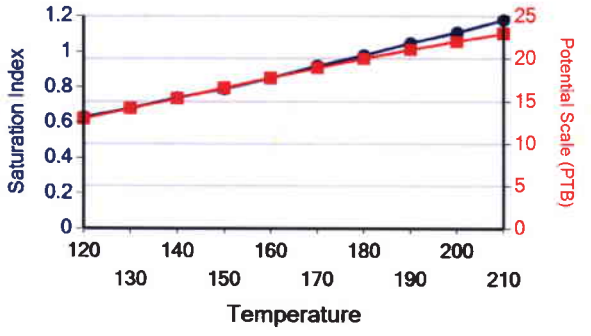
Water Analysis Report

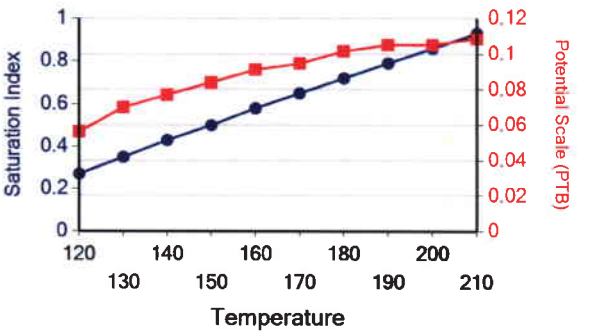
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide

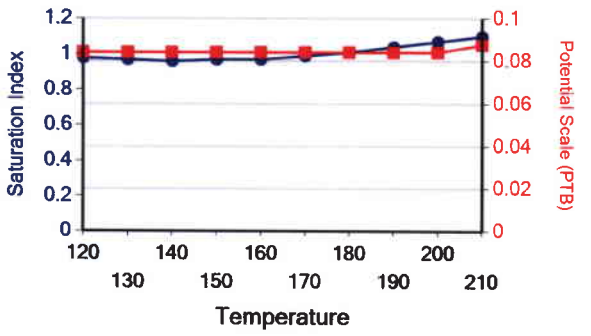
Calcium Carbonate



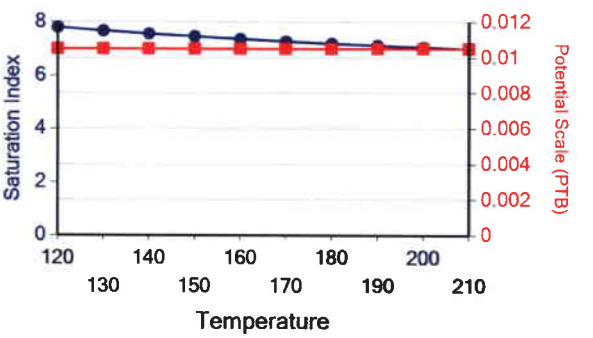
Iron Carbonate



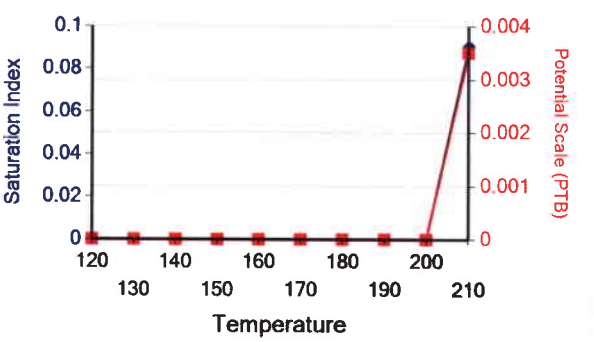
Iron Sulfide



Zinc Sulfide



Zinc Carbonate



ATTACHMENT F

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Multi-Chem Analytical Laboratory
1553 East Highway 40
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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **MON 8-34-8-16**
Sample Point: **Treater**
Sample Date: **3/11/2013**
Sample ID: **WA-236462**

Sales Rep: **Michael McBride**
Lab Tech: **Layne Wilkerson**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	3/20/2013
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	1.003
pH:	8.50
Calculated TDS (mg/L):	7877.28
CO2 in Gas (%):	
Dissolved CO2 (mg/L)):	0.00
H2S in Gas (%):	
H2S in Water (mg/L):	2.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	2918.18	Chloride (Cl):	4000.00
Potassium (K):	18.00	Sulfate (SO_4):	30.00
Magnesium (Mg):	1.00	Bicarbonate (HCO_3):	878.40
Calcium (Ca):	6.30	Carbonate (CO_3):	
Strontium (Sr):	0.00	Acetic Acid (CH_3COO)	
Barium (Ba):	1.20	Propionic Acid (C_2H_5COO)	
Iron (Fe):	0.90	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.14	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.04	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.02	Silica (SiO_2):	23.10

Notes:
B=3.8 Al=.03

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4 2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.92	4.71	0.00	0.00	2.22	0.49	2.10	0.65	0.00	0.00	0.00	0.00	0.00	0.00	8.24	0.07
200.00	60.00	0.87	4.62	0.00	0.00	2.21	0.49	2.05	0.65	0.00	0.00	0.00	0.00	0.00	0.00	8.32	0.07
190.00	60.00	0.82	4.51	0.00	0.00	2.20	0.49	2.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	8.41	0.07
180.00	60.00	0.77	4.40	0.00	0.00	2.19	0.49	1.95	0.65	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.07
170.00	60.00	0.73	4.28	0.00	0.00	2.19	0.49	1.90	0.64	0.00	0.00	0.00	0.00	0.00	0.00	8.60	0.07
160.00	60.00	0.68	4.15	0.00	0.00	2.20	0.49	1.84	0.64	0.00	0.00	0.00	0.00	0.00	0.00	8.71	0.07
150.00	60.00	0.64	4.01	0.00	0.00	2.21	0.49	1.79	0.64	0.00	0.00	0.00	0.00	0.00	0.00	8.83	0.07
140.00	60.00	0.60	3.87	0.00	0.00	2.23	0.49	1.73	0.64	0.00	0.00	0.00	0.00	0.00	0.00	8.95	0.07
130.00	60.00	0.56	3.73	0.00	0.00	2.25	0.49	1.67	0.64	0.00	0.00	0.00	0.00	0.00	0.00	9.09	0.07
120.00	60.00	0.53	3.59	0.02	0.03	2.29	0.49	1.62	0.64	0.00	0.00	0.00	0.00	0.00	0.00	9.23	0.07

Multi-Chem Analytical Laboratory
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ATTACHMENT F
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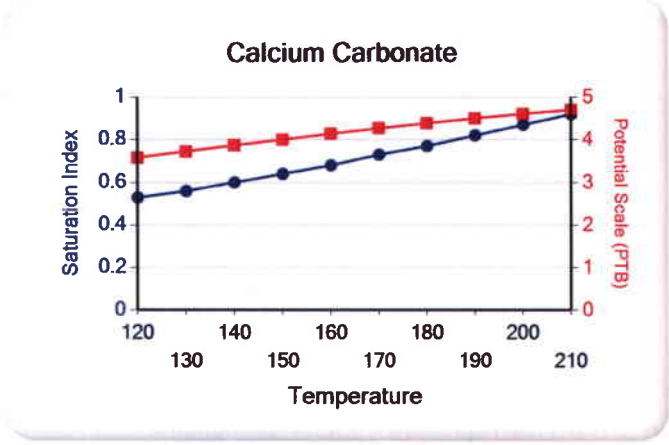
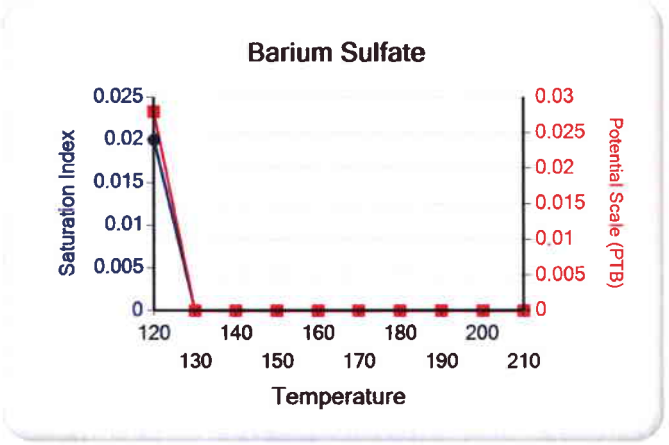
Water Analysis Report

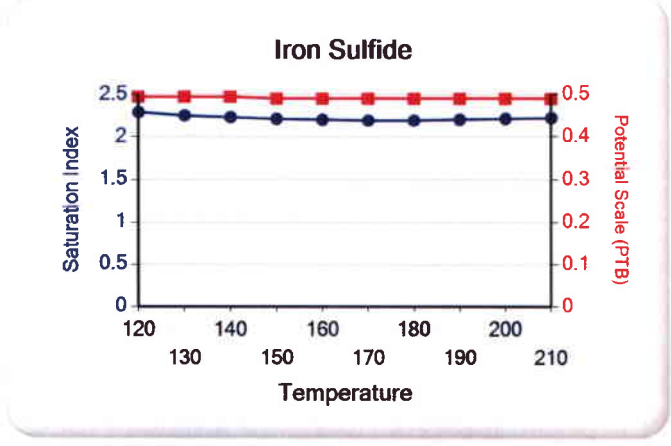
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.09	8.76	0.02	3.36	1.83	1.69	2.94	9.83	0.70
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.09	8.91	0.02	2.97	1.77	1.46	2.82	9.55	0.70
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.09	9.07	0.02	2.58	1.69	1.23	2.63	9.27	0.70
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.09	9.24	0.02	2.17	1.58	1.00	2.36	8.99	0.70
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.08	9.42	0.02	1.75	1.43	0.76	2.00	8.70	0.70
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.08	9.61	0.02	1.33	1.23	0.52	1.55	8.42	0.70
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.08	9.81	0.02	0.91	0.96	0.28	1.01	8.13	0.70
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.08	10.03	0.02	0.48	0.61	0.04	0.39	7.84	0.70
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.07	10.25	0.02	0.05	0.17	0.00	0.00	7.56	0.70
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.06	10.50	0.02	0.00	0.00	0.00	0.00	7.29	0.70

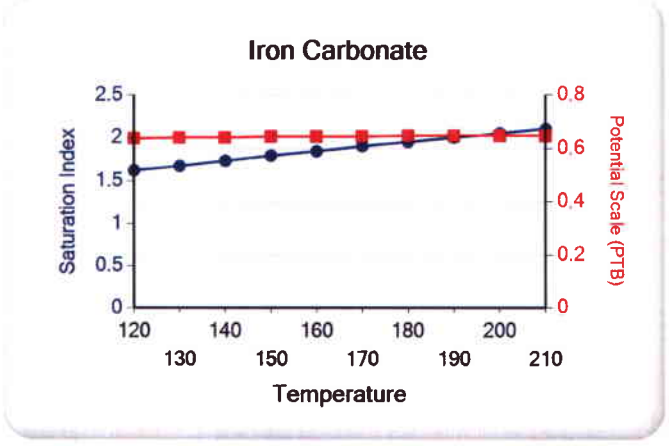
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Fe Silicate









ATTACHMENT F
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Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

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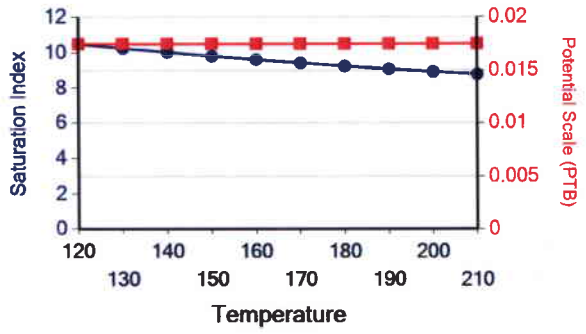
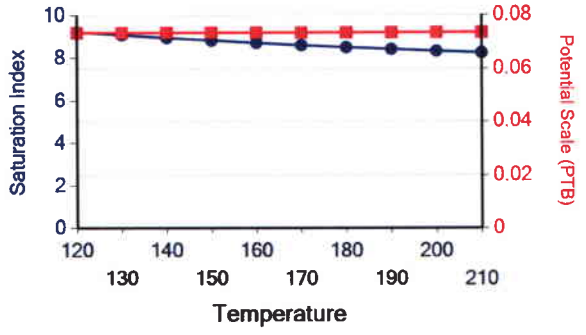
Water Analysis Report

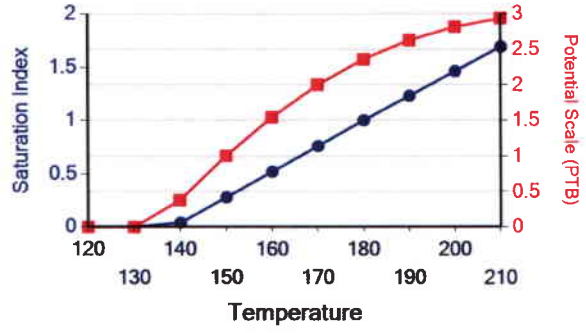
Lead Sulfide



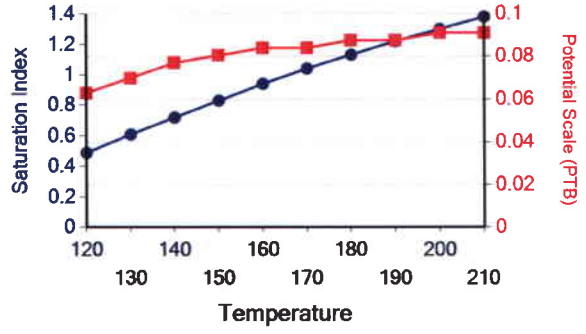
Zinc Sulfide



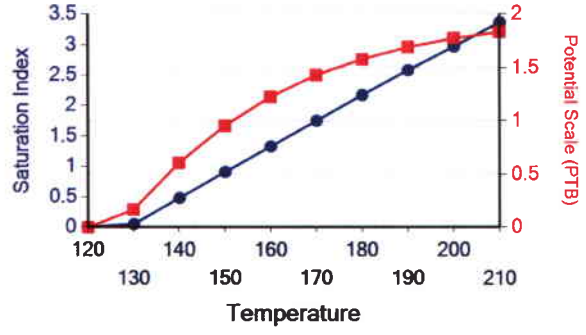
Ca Mg Silicate



Zinc Carbonate



Mg Silicate



Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

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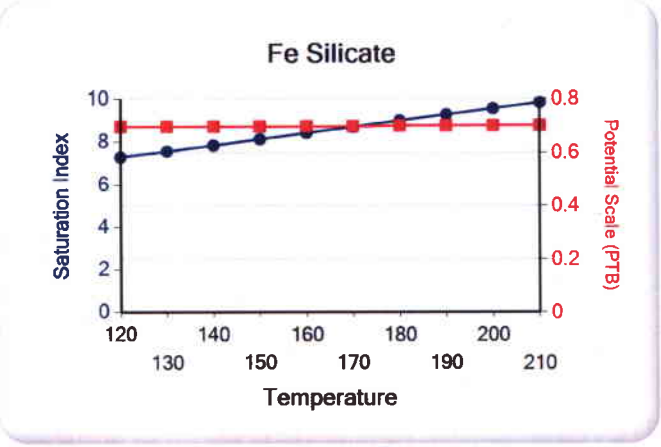
Water Analysis Report



Attachment "G"

Monument 8-34-8-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5024	5043	5034	2160	0.86	2127 ←
5911	6273	6092	2200	0.81	2162
5444	5634	5539	3700	1.11	3665
5190	5344	5267	2750	0.96	2716
4432	4577	4505	3300	1.18	3271
				Minimum	2127

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

ATTACHMENT G-1
1 of 2

LOMAX EXPLORATION

Monument Federal #8-34
Section 34, T8S, R16E
Duchesne County, Utah

COMPLETION REPORT

3/28/84 Present Operation RUSU. (1 day)
REMARKS: MISU.
CUM COST: $156,809

3/29/84 Present Operation - Prep to TIH w/ bit & scraper. (2 days)
REMARKS: RUSU. NU BOP's. Racked 199 jts 2 7/8" 6.5# J-55 tbg. Prep to TIH w/ bit & scraper.
CUM COST: $177,809

3/30/84 Present Operation - Pressure test casing. (3 days)
REMARKS: TIH w/ bit & Scraper to 6300' KB. Displaced hole w/ 5% KCL wtr & clay stab. TOH. RUWL. Ran CBL/VDL/GR from 6300'-4500' and across cement top. RDWL. TIH open ended to 5500'±. Prep to test csg. SDFN.
CUM COST: $183,774

3/31/84 Present Operation-Swabbing. (4 days)
REMARKS : Pressure test CSGto 3000 psi OK R.U. to swab. Swabbed fluid level down to 4100' TOW. RUWL. Perforated FDC/CNL interval 6219'-36' w/1JSPF. RDWL. TIH w/ pkr. Set @ 6112' KB. Broke perfs down w/ 3000 gals. 5% KCL wtr.& clay stab & 30 balls sealers. Breakdown @ 3100 psi ATP 2200 @5½BPM. ISIP 1700. Good Ball action. FTP 3200 psi. @ 5 BPM. Flowed back 7 BLW. R.U. to Swab. Made 5 runs. 1 FL @ Surf. FFL @ 6100'. Recovered 35 BLW, 10% yellow oil on final run, slight gas. SDFN.
CUM COST: $190,274

4-1-84 Present Operation- SHUT- IN (5 days)
REMARKS : 13 hrs. SITP 50 psi. RU to swab 1FL @ 5300' FFL @ 6100' Made 5 swab runs. Recovered 4 BLW 1 BNO, slight gas. swabbed ½ BF, 30% yellow oil in final 3hrs. SDF SUNDAY
CUM COST: $192,374

4/ /84 Present Operation-Swabbing (6 days)
REMARKS: 40 hr. SITP 100 psi. R.U. to swab. IFL @ 4,100', FFL @ 6,100'. Made 4 runs. Recovered 11 BNO, ½ BLW. Final 2 hourly runs, no recovery. Rel. pkr. TIH across perfs. Reset pkr. @ 6,112' KB. Swabbed tbg. down to 6,100'. Made 5 hourly runs. Recovered 1½ BF, 20-30% oil cut, very slight gas. Wtr. analysis 13,500 ppm Cl, PH 7.3, SDFN.
CUM COST: $ 194,924

4/4/84 Present Operation - Prep to frac. (7 days)
REMARKS: 14 hr SITP 50 psi. RU to swab. IFL @ 5600'. Made 1 run from 6100'. Recovered 2 BNO, 1 BLW. Clorides 10,000 ppm. Released pkr & TOH. RUWL. Ran CIBP. Set @ 5610' KB. Perforated FDC/CNL interval 5024'-38' & 5040'-43' w/ 1JSPF. RDWL. TIH w/ pkr. Set @ 5300' & tested CIBP to 3000 psi, ok. Released pkr & reset @ 4900'. Broke perfs down w/ rig pump @ 1400 psi. Released pkr & swabbed fluid down to 4900'. TOH. SDFN.
CUM COST: $200,424

ATTACHMENT G-1
2 of 2

LOMAX EXPLORATION
Monument Federal #8-34
Duchesne County, Utah
COMPLETION REPORT (2)

4/5/84 Present Operation - Shut-in after frac. (8 days)
REMARKS: RU Halliburton. Frac as follows:
1) Pumped 8000 gal pad
2) " 2500 " 1 PPG 20/40 sand
3) " 3500 " 2 " " "
4) " 4500 " 4 " " "
5) " 5000 " 6 " " "
6) " 4000 " 8 " " "
7) Flush to perfs
Max TP 2650 @ 31 BPM
Avg TP 2100 @ 31 BPM
ISIP 2160, 2040 after 5 min, 1980 after 10 min, 1940 after 15 min. SDFN.
CUM COST: $221,949

4/6/84 Present Operation - Swabbing. (9 days)
REMARKS: 21 hr SICP 0 psi. PU pkr & TIH. Set @ 4500' KB. RU to swab. IFL @ surf, FFL @ 4000'. Made 15 swab runs. Recovered 57 BLW, 18 BNO, moderate gas. Final swab rate 3 BPH, 40% oil. SDFN.
CUM COST: $225,074

4/7/84 Present Operation - SI for BHPBU. (10 days)
REMARKS: 14 hr SITP 110 psi. RU to swab. IFL @ 1700', FFL @ 4800'. Made 8 swab runs. Recovered 21 BNO, 13 BLW. Moderate gas. Final swab rate 3-3.5 BPH. Final oil cut 80%. Released pkr & TIH to 5250' w/o tagging fill. Reset pkr @ 5000' KB. & swabbed tbg down to pkr RUWL. Ran BHP bombs & landed @ 4950' KB. Shut well in for 72 hr BHPBU.
CUM COST: $230,249

4/8/84 Present Operation - SI for BHPBU. (11 days)
REMARKS: SI for BHPBU.
CUM COST: $230,369

4/9/84 Present Operation - SI for BHPBU. (12 days)
REMARKS: SI for BHPBU.
CUM COST: $230,369

4/10/84 Present Operation - Prep to swab. (13 days)
REMARKS: SI for BHPBU. RUWL. TOH w/ bombs. 71 hr SIBHP 1264 psi. Prep to swab.
CUM COST: $230,619

4/11/84 Present Operation - Prep to run pump & rods. (14 days)
REMARKS: 88 hr SITP 40 psi. (TIW valve leaking). RU to swab. IFL @ 1800', FFL @ 3000'. Made 6 runs. Recovered 17 BNO, 28 BLW. Final swab rate 6 BPH, 60% oil, moderate gas. Rel pkr & TIH. Tagged sand @ 5297' KB. TOH. TIH w/ NC, 3 jts 2 7/8" tbg, SN, 2 jts, tbg anchor, 151 jts. ND BOP. Set anchor w/ 10,000# tension. NU tbg bonnet. Prep to TIH w/ pump & rods. SDFN.
CUM COST: $233,979

4/12/84 Present Operation - WO facilities. RDMOSU. (15 days)
REMARKS: TIH w/ 1.5" Axelson pump, 4 wt rods, 100 slick 3/4" rods, 95 scrapered 3/4" rods, 1- 6' pony rod, polish rod. Tested pump, ok. Too windy to rig down. SDFN.
CUM COST: $248,979

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4382'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.		Perforate 4 JSPF @ 3292'
4.	Plug #2	152' plug covering Trona/Mohagany Bench Formation using 30 sx Class "G" Cement pumped under CICR and out perforations. Follow using 13 sx Class "G" cement pumped on top of CICR
5.		Perforate 4 JSPF @ 1780'
6.	Plug #3	120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
7		Perforate 4 JSPF @ 352'
8.	Plug #4	Circulate 83 sx Class "G" cement down 5 ½" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is $42,000.

ATTACHMENT A-1

Monument Butte Fed. #8-34-8-16

Spud Date: 2/28/1984
Put on Production: 3//1984
Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
GL: 5617' KB: 5627'

Initial Production: 35 BOPD,
139 MCFD, 0 BWPD

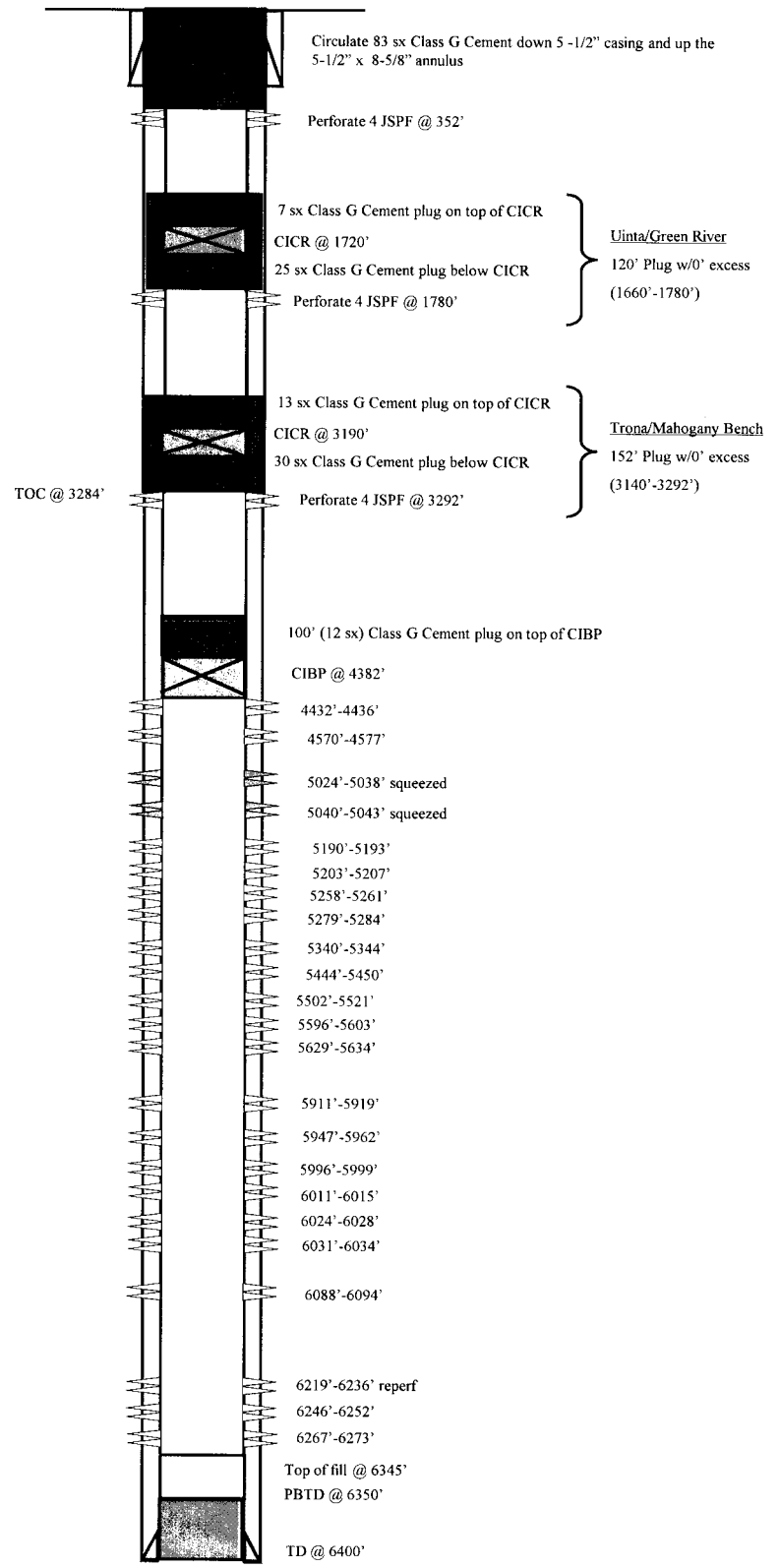
Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 6 jts. (279')
DEPTH LANDED: 302'
HOLE SIZE:12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 / 17#
LENGTH: 161 jts. (6388')
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal.
CEMENT TOP AT: 3284' per CBL



NEWFIELD

Monument Butte Fed. #8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

JL 3/6/2013

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Monument Butte Federal 8-34-8-16

Location: 34/8S/16E **API:** 43-013-30843

Note: Monument Butte Federal 8-34-8-16 was previously permitted as an injection well (UIC-148.1). The original application for conversion was received February 17, 1994. Public notice was issued March 30, 1994. The original UIC permit (for interval 5024-5043 feet) was issued April 15, and the first injection was April 19, 1994. Then the well was put back on production May 7, 2001. It remains on production at the time the current application was received on April 24, 2013, for conversion back to an injection well. Inasmuch as it has been twelve years since the well injected, and there has been a great deal of new activity in the area of review (AOR), it is appropriate to complete a new evaluation.

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 302 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,369 feet. The cement bond log appears to demonstrate adequate bond in this well up to about 3,284 feet. A 2 7/8 inch tubing with a packer will be set at 4,382 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 12 producing wells, 9 injection wells, 1 shut-in well, and 1 P/A well in the AOR. Three of the producing wells are directionally drilled, with a surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there are 4 directional wells with surface locations outside the AOR and bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately

saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1000 feet. Injection shall be limited to the interval between 4,322 feet and 6,350 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 8-34-8-16 well is 0.86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,127 psig. The requested maximum pressure is 2,127 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: At the time of the original conversion to an injection well in 1994, this well was part of an existing waterflood project in the Monument Butte Field. The Statement of Basis (3/30/1994) concluded at that time that injection into this well should have no adverse effects on any offsetting production outside the unit area. Subsequently, the Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: Monument Butte 8-34 was originally permitted as an injection well as UIC-148.1. A notice of agency action was sent to the Salt Lake Tribune and the Uinta Basin Standard on March 30, 1994. The well was put on injection April 19, 1994 and operated as an injection well until it was put back on production on May 7, 2001. The current application for putting the well back on injection status was received April 24, 2013. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 5/7/2013

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

May 8, 2013

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Butte Federal 8-34, Section 34, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-30843

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

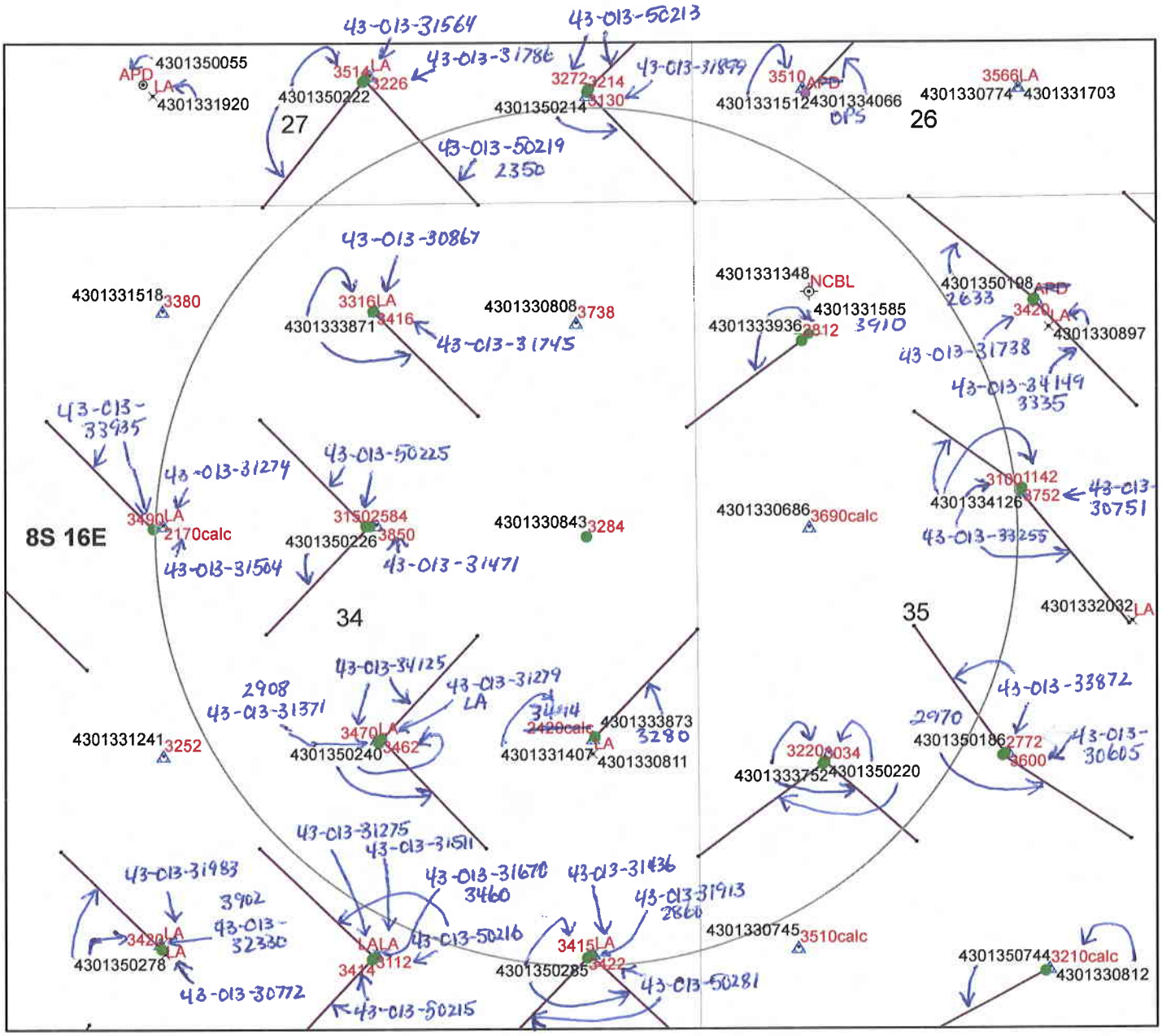
5. The top of the injection interval shall be limited to a depth no higher than 4,322 feet in the Monument Butte Federal 8-34 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC



Cement Bond Tops
Monument Butte Federal 8-34-8-16
API #43-013-30843
UIC-148.1

N

Miles
0 0.05 0.1 0.2 0.3 0.4

1870 calc = approxate cement top
calculated from well completion report

Legend

Oil & Gas Well Type

- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- GIW-Gas Injection Well
- GSW-Gas Storage Well
- LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well
- RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- WIW-WaterInjection Well
- WSW-Water Supply Well

4585 Depth to top of suitable cement bond

- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
  Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL Oil Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-16535
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	**8. WELL NAME and NUMBER:** MONUMENT FED 8-34
	9. API NUMBER: 43013308430000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 **PHONE NUMBER:** 435 646-4825 Ext	**9. FIELD and POOL or WILDCAT:** MONUMENT BUTTE
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** 2059 FNL 0701 FEL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SENE Section: 34 Township: 08.0S Range: 16.0E Meridian: S	**COUNTY:** DUCHESNE **STATE:** UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 10/9/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/08/2013. On 10/08/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/09/2013 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 17, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	**PHONE NUMBER** 435 646-4874	**TITLE** Water Services Technician
SIGNATURE N/A		**DATE** 10/10/2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 10 / 9 / 2013 **Time** 9:00 am pm

Test Conducted by: Kim Giles

Others Present: Troy Lazenby

Conversion

Well: ~~Monument Butte Federal~~ 8-34-8-16 **Field:** Monument Butte

Well Location: SE/NE Sec. 34, T8S, R16E **API No:** 43-013-30843

Duchesne County Utah

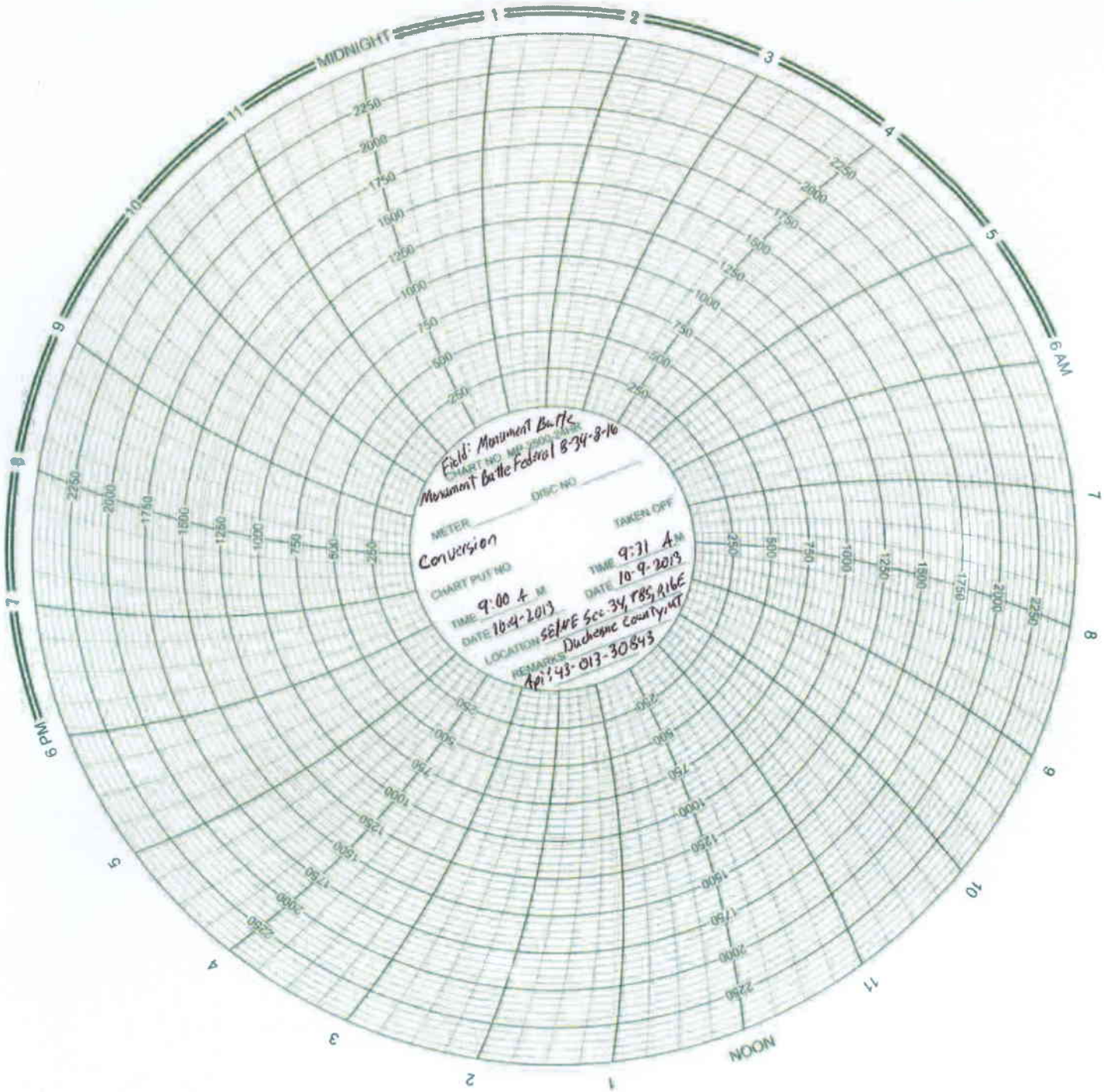
Time	Casing Pressure	
0 min	1375	psig
5	1375	psig
10	1375	psig
15	1375	psig
20	1375	psig
25	1375	psig
30 min	1375	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: Kim Giles


MIDNIGHT
6AM
NOON
6 PM
Field: Monument Butte
Monument Butte Federal 8-34-8-16
METER
Conversion
CHART PUT NO
TIME 9:00 A M
DATE 10-4-2013
LOCATION SE/NE Sec. 34, T8S, R16E
Duchesne County, UT
REMARKS
Api: 43-013-30843
DISC NO
TAKEN OFF
TIME 9:31 A M
DATE 10-9-2013

Day 1

NEWFIELD	Final Daily Workover Report			Well Name:	MON 8-34-8-16
	LOE			AFE:	
				Report Date:	10/4/2013
				Operation:	FLUSHED CSG W/60 BBLS @ 250 DEGREES
Field:	GMBU CTB4	Rig Name:		Work Performed:	10/1/2013
Location:	S34 T8S R16E	Supervisor:	David Cloward	Day:	1
County:	DUCHESNE	Phone:	435- 823-0012	Daily Cost:	$14,645
State:	UT	Email:	dcloward@newfield.com	Cum DWR:	$14,645
Reason for Workover:	Conversion				

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5

Summaries

24 Hr. Summary:	RD PU JARRED ON ROD STRING TELL PUMP CAME FREE LD POLISH ROD						
24 Hr. Plan Forward:	CONTINUE CONVERSION						
Incidents	None	Newfield Pers:	1	Contract Pers:	5	Conditions:	

Activity Summary

P: RU RIG FLUSHED CSG 60 BBLS @250 DEGREES, RD PU JARRED ON ROD STRING TELL PUMP CAME FREE LD POLISH ROD, 2 RODS, PU POLISHED ROD FLUSHED TBG W/ 40 BBLS@ 250 DEGREES LD POLISH ROD PU THREE RODS SOFT SEATED PUMP SIWFN SHUT DOWN DUE TO RIG MAINTAINCE. RIG MAINTAINCE.

Activity Summary

P: CREW TRAVEL JSA SAFETY MEETING RIG MAINTAINCE LD 1-1/2' POLISH RODS, 2-7/8"X8' PONY RODS, 4-PER GUIDED RODS 106- 3/4" SLICK SUCKER RODS, 45-3/4" 4-PER GUIDED RODS, 6-1/2" C(API) WT BARS, 1-SUCKER PUMP ON TRAILER FLUSHING AND INSPECTION RODS COMING OUT OF HOLE SIWFN.

P:

Activity Summary

P: CREW TRAVEL JSA SAFETY MEETING RD PU, ND WH, NU BOPS, RD RIG FLOOR RELEASED TAC, TOOH 134 JTS TBG BREAKING AND RE- DOPING EVERY CONNECTION W/ LIQUID O-RING GREEN DOPE WAITED ON RUNNERS FOR TBG LAY DOWN TRAILER LD 53 JTS TBG ON TRAILER TIH 134 JTS TBG, PUMPED 10 BBLS DOWN TBG , DROPPED SV CHASED W/ 25 BBLS PRESSURED UP TBG TO 500 PSI SIWFN

Activity Summary

P: CREW TRAVEL JSA SAFETY MEETING PT TBG UP TO 3K PSI HELD 100% FOR 30 MIN. GOOD TEST RIH W/ SL RETRIEVED SV POOH SL RU RIG FLOOR ND BOPS NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID DOWN CSG SET PKR LOADED CSG W/ PKR FLUID PT CSG TO 1400 PSI HELD 100% FOR 30 MIN. GOOD TEST RD RIG PRE-TRIP INSPECTION

Activity Summary

9:00 AM - 9:30 AM; ***0.5 Hr(s);*** P: On 10/08/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/09/2013 the casing was pressured up to 1375 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

					0	0	
					0	0	
					0	0	
					0	0	
					0	0	

Monument Butte Fed. 8-34-8-16

Spud Date: 2/28/1984
Put on Production: 3//1984
Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
GL: 5617' KB: 5627'

Initial Production: 35 BOPD,
139 MCFD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

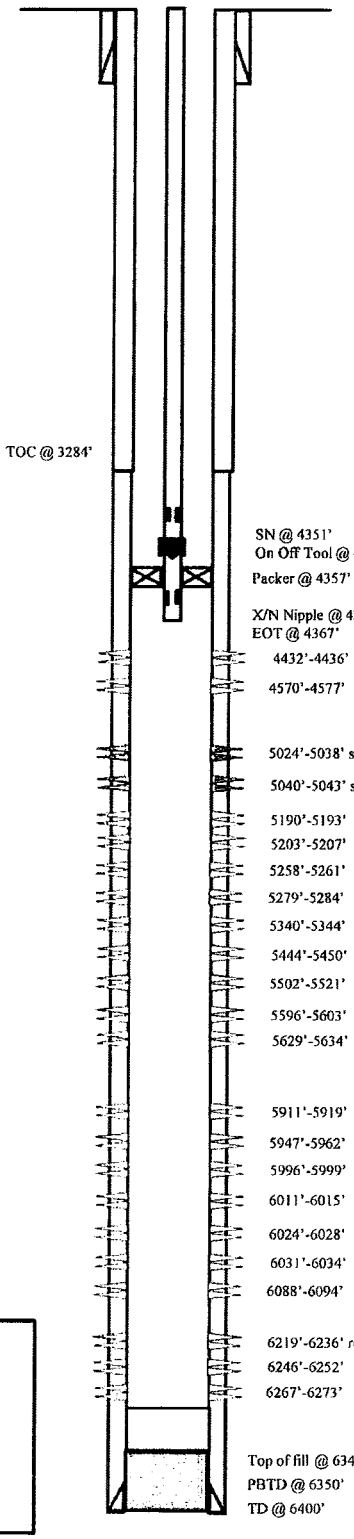
CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 6 jts (279')
DEPTH LANDED: 302'
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE 5-1/2" / J-55 / 17#
LENGTH: 161 jts (6388')
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal
CEMENT TOP AT 3284' per CBL

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
NO OF JOINTS: 134 jts (4337')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4351' KB
ON/OFF TOOL AT: 4352 1'
ARROW #1 PACKER CE AT: 4357 3'
SWEDGE AT: 4360 9'
TBG PUP 2-3/8 J-55 AT: 4361 4'
X/N NIPPLE AT 4365 5'
TOTAL STRING LENGTH: EOT @ 4367 34'



FRAC JOB

4/05/84	5024'-5043'	**Frac D1 sand as follows:** 89,500# 20/40 sand in 655 bbls frac fluid Treated @ avg press of 2100 psi w/avg rate of 31 BPM ISIP 2160 psi Flushed to perfs
10/09/90	5024'-5043'	**Reperf D1 zone.**
10/13/90		**Acidize D1** w/ 100 gal 15% HCl + 60% N2
4/19/94		**Put on Injection**
4/18/01		**Convert to producer.**
12/18/02	5024'-5043'	**Squeezed perfs**
12/18/02	5911'-6273'	**Frac BS and CP sands as follows:** 197,938# 20/40 sand in 1005 bbls Viking I-25 fluid Treated @ avg pressure of 3330 psi w/avg rate of 15 2 BPM ISIP - 2200 psi Calc flush: 1562 gals Actual flush: 1437 gals
12/20/02	5444'-5634'	**Frac A and LODC sands as follows:** 93,076# 20/40 sand in 512 bbls Viking I-25 fluid Treated @ avg. pressure of 3950 psi w/avg rate of 15 0 ISIP - 3700 psi Calc flush: 1451 gals Actual flush: 42 gals
12/21/02	5190'-5344'	**Frac B and C sands as follows:** 60,044# 20/40 sand in 305 bbls Viking I-25 fluid Treated @ avg pressure of 3830 psi w/ avg rate of 15 0 BPM ISIP - 2750 psi Calc flush: 1365 gals Actual flush: 1283 gals
12/22/02	4432'-4577'	**Frac GB sands as follows:** 26,820# 20/40 sand in 121 bbls Viking I-25 fluid Treated @ avg pressure of 2550 psi w/avg rate of 24 5 BPM ISIP - 3300 psi Calc flush: 4432 gals Actual flush: 3570 gals
5/18/04		**Stuck Pump.** Update rod detail
6/24/04		**Stuck Pump.** Update rod detail
6-19-08		**Parted rods.** Updated rod & tubing details
1/8/09		**Parted rods.** Updated rod & tubing details
10/08/13		**Convert to Injection Well**
10/09/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

3/31/84	6219'-6236'	1 JSPF	17 holes
4/04/84	5040'-5043'	1 JSPF	04 holes Squeeze 12/02
4/04/84	5024'-5038'	1 JSPF	14 holes Squeeze 12/02
10/09/90	5040'-5043'	3 JSPF	12 holes
10/09/90	5024'-5038'	3 JSPF	42 holes
12/18/02	6267'-6273'	4 JSPF	24 holes
12/18/02	6246'-6252'	4 JSPF	24 holes
12/18/02	6219'-6236'	5 JSPF	85 holes reperf
12/18/02	6088'-6094'	4 JSPF	24 holes
12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
12/18/02	6011'-6015'	4 JSPF	16 holes
12/18/02	5996'-5999'	4 JSPF	12 holes
12/18/02	5947'-5962'	4 JSPF	92 holes
12/18/02	5911'-5919'	4 JSPF	92 holes
12/18/02	5629'-5634'	4 JSPF	20 holes
12/18/02	5596'-5603'	4 JSPF	28 holes
12/18/02	5502'-5521'	4 JSPF	76 holes
12/18/02	5444'-5450'	4 JSPF	24 holes
12/18/02	5340'-5344'	4 JSPF	16 holes
12/18/02	5279'-5284'	4 JSPF	32 holes
12/18/02	5258'-5261'	4 JSPF	32 holes
12/18/02	5203'-5207'	4 JSPF	16 holes
12/18/02	5190'-5193'	4 JSPF	12 holes
12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. 8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

LCN 10/10/13

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-148

Operator: Newfield Production Company

Well: Monument Federal 8-34

Location: Section 34, Township 8 South, Range 16 East

County: Duchesne

API No.: 43-013-30843

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 8, 2013.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,322' – 6,350')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____ 10/21/2013
John Rogers
Associate Director
Date

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

Spud Date: 2/28/1984
Put on Production: 3//1984
Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
GL: 5617' KB: 5627'

Monument Butte Fed. 8-34-8-16

Initial Production: 35 BOPD,
139 MCFD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

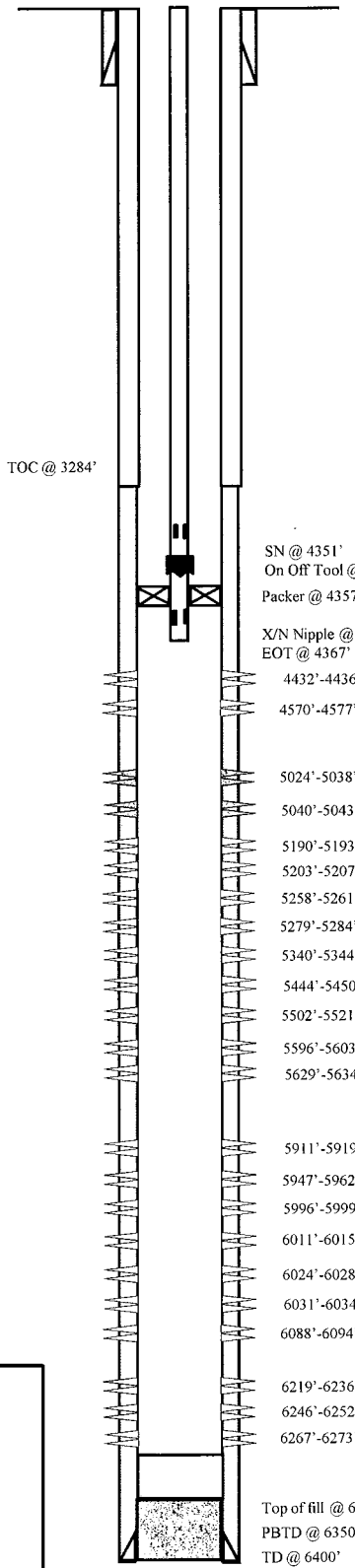
CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 6 jts. (279')
DEPTH LANDED: 302'
HOLE SIZE:12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 / 17#
LENGTH: 161 jts. (6388')
DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs HiFill & 3.25 sxs Gypseal
CEMENT TOP AT: 3284' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 134 jts (4337')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4351' KB
ON/OFF TOOL AT: 4352.1'
ARROW #1 PACKER CE AT: 4357.3'
SWEDGE AT: 4360.9'
TBG PUP 2-3/8 J-55 AT: 4361.4'
X/N NIPPLE AT: 4365.5'
TOTAL STRING LENGTH: EOT @ 4367.34'



FRAC JOB

4/05/84	5024'-5043'	**Frac D1 sand as follows:** 89,500# 20/40 sand in 655 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 31 BPM. ISIP 2160 psi. Flushed to perfs.
10/09/90	5024'-5043'	**Reperf D1 zone.**
10/13/90		**Acidize D1** w/ 100 gal 15% HCl + 60% N2.
4/19/94		**Put on Injection.**
4/18/01		**Convert to producer.**
12/18/02	5024'-5043'	**Squeezed perfs**
12/18/02	5911'-6273'	**Frac BS and CP sands as follows:** 197,938# 20/40 sand in 1005 bbls Viking I-25 fluid. Treated @ avg. pressure of 3330 psi w/avg. rate of 15.2 BPM. ISIP - 2200 psi. Calc. flush: 1562 gals. Actual flush: 1437 gals.
12/20/02	5444'-5634'	**Frac A and LODC sands as follows:** 93,076# 20/40 sand in 512 bbls Viking I-25 fluid. Treated @ avg. pressure of 3950 psi w/avg. rate of 15.0 ISIP - 3700 psi. Calc. flush: 1451 gals. Actual flush: 42 gals.
12/21/02	5190'-5344'	**Frac B and C sands as follows:** 60,044# 20/40 sand in 305 bbls Viking I-25 fluid. Treated @ avg. pressure of 3830 psi w/ avg. rate of 15.0 BPM. ISIP - 2750 psi. Calc. flush: 1365 gals. Actual flush: 1283 gals.
12/22/02	4432'-4577'	**Frac GB sands as follows:** 26,820# 20/40 sand in 121 bbls Viking I-25 fluid. Treated @ avg. pressure of 2550 psi w/avg. rate of 24.5 BPM. ISIP - 3300 psi. Calc. flush: 4432 gals. Actual flush: 3570 gals.
5/18/04		**Stuck Pump.** Update rod detail.
6/24/04		**Stuck Pump.** Update rod detail.
6-19-08		**Parted rods.** Updated rod & tubing details.
1/8/09		**Parted rods.** Updated rod & tubing details.
10/08/13		**Convert to Injection Well**
10/09/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

3/31/84	6219'-6236'	1 JSPF	17 holes
4/04/84	5040'-5043'	1 JSPF	04 holes Squeeze 12/02
4/04/84	5024'-5038'	1 JSPF	14 holes Squeeze 12/02
10/09/90	5040'-5043'	3 JSPF	12 holes
10/09/90	5024'-5038'	3 JSPF	42 holes
12/18/02	6267'-6273'	4 JSPF	24 holes
12/18/02	6246'-6252'	4 JSPF	24 holes
12/18/02	6219'-6236'	5 JSPF	85 holes reperf
12/18/02	6088'-6094'	4 JSPF	24 holes
12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
12/18/02	6011'-6015'	4 JSPF	16 holes
12/18/02	5996'-5999'	4 JSPF	12 holes
12/18/02	5947'-5962'	4 JSPF	92 holes
12/18/02	5911'-5919'	4 JSPF	92 holes
12/18/02	5629'-5634'	4 JSPF	20 holes
12/18/02	5596'-5603'	4 JSPF	28 holes
12/18/02	5502'-5521'	4 JSPF	76 holes
12/18/02	5444'-5450'	4 JSPF	24 holes
12/18/02	5340'-5344'	4 JSPF	16 holes
12/18/02	5279'-5284'	4 JSPF	32 holes
12/18/02	5258'-5261'	4 JSPF	32 holes
12/18/02	5203'-5207'	4 JSPF	16 holes
12/18/02	5190'-5193'	4 JSPF	12 holes
12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. 8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

LCN 10/10/13

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: U-16535

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MONUMENT FED 8-34

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013308430000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2059 FNL 0701 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 34 Township: 08.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 10/23/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:15 AM on 10/23/2013.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 29, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 10/28/2013

RECEIVED: Oct. 28, 2013

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MONUMENT FED 8-34

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013308430000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2059 FNL 0701 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 34 Township: 08.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/24/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Polymer Squeeze

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to do a polymer squeeze on the above mentioned well using a plug and packer system. See attached procedure.

Accepted by the Utah Division of Oil, Gas and Mining

Date: November 12, 2014

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 10/24/2014

RECEIVED: Oct. 24, 2014

Spud Date: 2/28/1984
Put on Production: 3//1984
Put on Injection: 3/25/1994
Convert to Producer: 4/18/01
GL: 5617' KB: 5627'

Monument Butte Fed. 8-34-8-16

Initial Production: 35 BOPD, 139 MCFD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 6 jts. (279')
DEPTH LANDED: 302'
HOLE SIZE:12-1/4"
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DEPTH LANDED: 6369'
HOLE SIZE: 7-7/8"
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CEMENT TOP AT: 3284' per CBL

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SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
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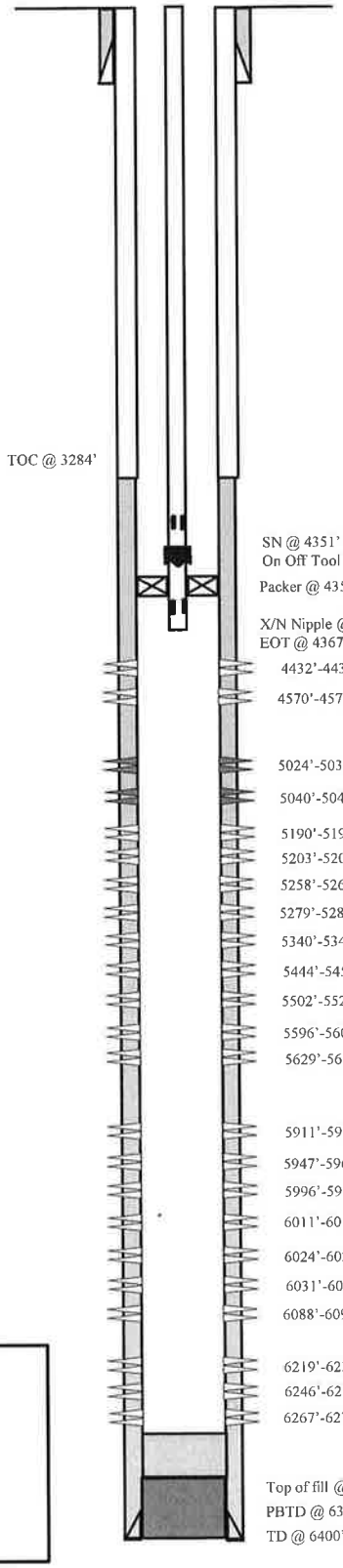
ON/OFF TOOL AT: 4352.1'
ARROW #1 PACKER CE AT: 4357.3'
SWEDGE AT: 4360.9'
TBG PUP 2-3/8 J-55 AT: 4361.4'
X/N NIPPLE AT: 4365.5'
TOTAL STRING LENGTH: EOT @ 4367.34'



FRAC JOB

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12/18/02	6088'-6094'	4 JSPF	24 holes
12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
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12/18/02	5444'-5450'	4 JSPF	24 holes
12/18/02	5340'-5344'	4 JSPF	16 holes
12/18/02	5279'-5284'	4 JSPF	32 holes
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12/18/02	5203'-5207'	4 JSPF	16 holes
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12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes

NEWFIELD

Monument Butte Fed. 8-34-8-16
2059' FNL & 701' FEL
SENE Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-30843; Lease #U-16535

LCN 10/10/13

Part 13 Cover Letter

REQUIREMENTS FOR STIMULATING THE INJECTION ZONE USING INJECTION WELLS

Well Name: 8-34-8-16
API#: 4301330843
UIC Permit#: UT22197-00000

Procedure Description:
Per Section 13 of the area wide permit, Newfield requests permission to perform a polymer treatment on the referenced well. The well is directly connected to one or more producers resulting in water cycling from injector to producer(s). The purpose of the proposed work is to inject polymer into the pre-existing fracture network to improve sweep efficiency, thereby increasing recoverable reserves in the pattern. The zone(s) to be treated were identified via RTS logs.

Proposed Injection Fluids:
This treatment will be pumped with fresh (Johnson) water as a base fluid. The gel polymer solution is created when dry polyacrylamide is mixed in water and cross-linked with a very low concentration of a safe and non-hazardous chromium acetate chemcial. The entire gel solution, which is about 99.5% water, is blended on the surface with special equipment and can usually be created with fresh, KCL or produced brine water. The mixture is blended with special equipment (on-the-fly) and continuously injected into the reservoir in a liquid phase for the duration of the treatment. The lower the polymer concentration, the weaker the gel; so as polymer concentration is increased, the resulting gels become stronger. The strength and volume of gel pumped is based on reservoir/well specifics and experience.

Proposed Fluid Volumes*:

Volume, bbls	Polymer, PPM	Polymer, lbs	X-link Ratio	X-linker, lbs
1500	8000	4200	0.4	911

*Volumes subject to change "on-the-fly". Treatment will be preceded and followed by a water flush.

Proposed Injection Pressure:
The proposed max surface pressure for this treatment is 3000 psi. While pumping polymer there are significant friction pressure drops down tbg, across perfs, and in the near-wellbore region. If the job was performed at or below the MAIP, surface pressure would be insufficient to overcome friction losses in the system. Consequently, the job cannot be pumped without exceeding surface MAIP.

Well Name:	8-34-8-16
API#:	4301330843
Top Perf:	4432
Btm Perf:	6273
PBTD:	6345
Polymer Target Top:	5911
Polymer Target Btm:	5919
Frac Grad:	0.75

1 Spot FB tank on location and FB minimum 24 hrs.
*Equip tank with H2S sensor.
2 MIRU-WOR and hold safety meeting.
3 Drop SV and test tubing to 3000 psi.
4 ND WH & NU BOPs.
5 Release injection packer.
6 TOOH & LD pkr and BHA.
7 MU RBP and service pkr.
8 TIH w/plug and pkr.
9 Set plug @ +/- 5979'.
10 Set pkr @+/- 5949' and test to 3000 psi for 15 minutes.
11 Release pkr and POOH to +/- 5861'.
12 ND BOPs and set pkr w/15K compression.
13 NU WH.
14 RDMO-WOR.
15 MIRU EOGA equipment and hold safety meeting.
16 Test lines to 3000 psi.
17 Pump polymer job per EOGA recommendation.
* Attempt to stay below 1861 psi during treatment.
* If pressure climbs, max pressure to place job is 3000 psi.
* Call engineer before exceeding MAIP.
* Record casing pressure throughout treatment.
18 RDMO EOGA equiment.
19 Leave well shut-in per EOGA recommended time.
20 MIRU-WOR.
21 ND WH & NU BOPs.
22 Release service pkr.
23 TIH and release RBP.
24 TOOH w/pkr & RBP and LD same.
25 MU BHA on 2-7/8", 6.5# J-55 tbg as follows:
a. WL re-entry guide
b. 2-3/8" XN Nipple
c. 4' tbg sub
d. 5-1/2" x 2-7/8" Arrowset Pkr (dressed for 15.5# csg)
e. On/Off tool
f. 2-7/8" PSN
g. 2-7/8" tbg to surface

26 TIH w/BHA and tbg.
27 Pump 15 bbls pad and drop SV.
28 Pump SV to PSN and pressure test tbg to 3000 psi.
   a. 100% test for 30 minutes.
29 Retrieve SV w/SL & overshot.
30 Spot pkr fluid (fresh wtr w/corrosion inhibitor) in annulus.
31 ND BOPs and set pkr w/15K tension @ +/- 4382 '.
32 NU WH.
33 Top off annulus w/pkr fluid if necessary.
34 Pressure test casing to 1400 psi.
   a. Must have 100% test for 30 minutes.
35 Commence injection after EPA authorization.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-16535

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MONUMENT FED 8-34

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013308430000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2059 FNL 0701 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 34 Township: 08.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 1/8/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: Workover / Polymer

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (polymer squeeze), attached is a daily status report. On 01/06/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 01/08/2015 the csg was pressured up to 1219 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 20, 2015

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 1/14/2015

RECEIVED: Jan. 14, 2015

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 1 / 8 / 15 **Time** 9:30 (am) pm
Test Conducted by: INAKI LASA
Others Present: _____

Well: MONUMENT FED. 8-34-8-16 **Field:** GREATER MONUMENT BUTTE
SE/NE SEC 34, T8S, R16E
UTU-16535, UTU87538X
Well Location: DUCHESNE COUNTY, UTAH **API No:** 4301330843

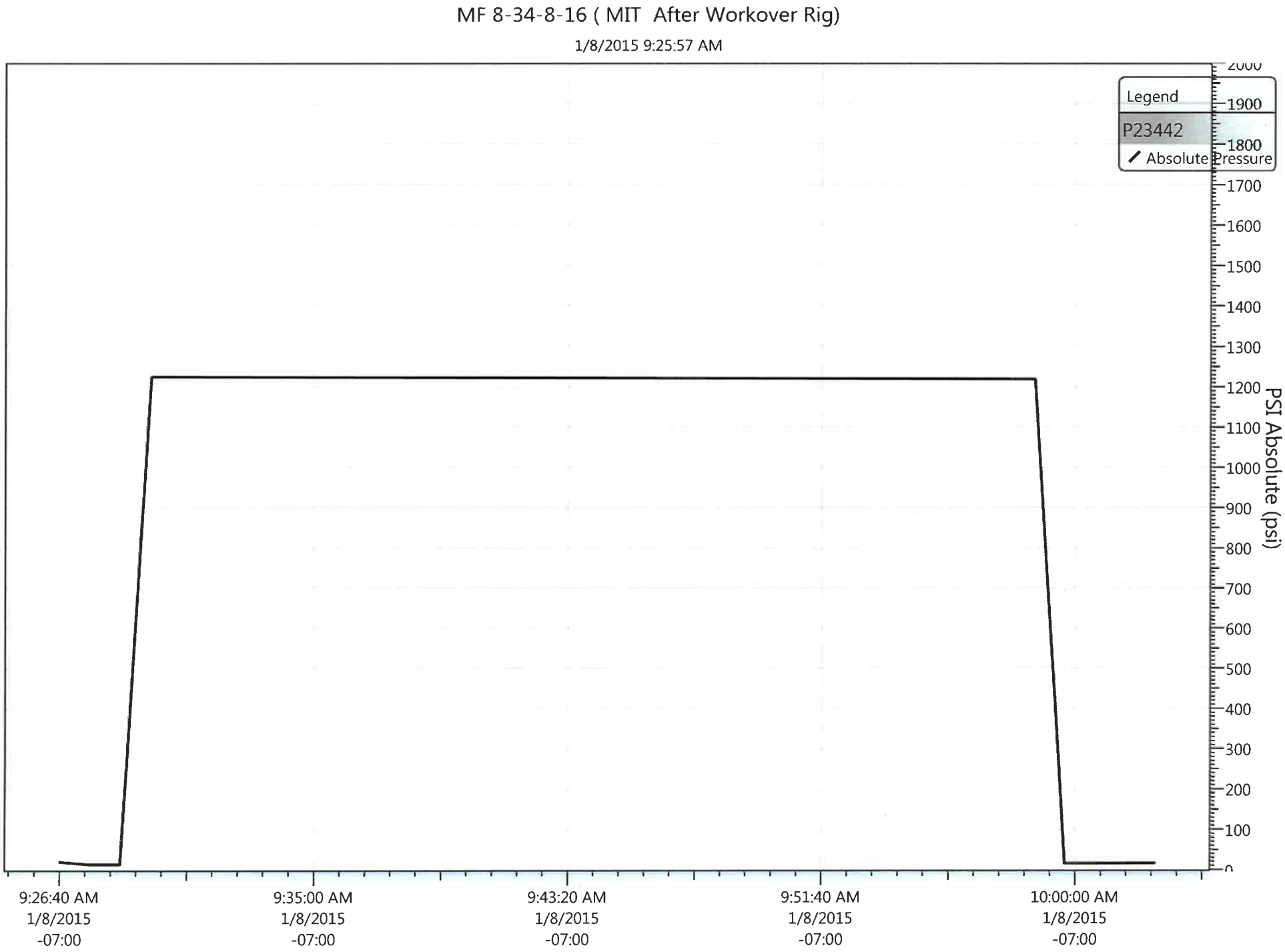
Time	Casing Pressure	
0 min	14.2	psig
5	1,223.8	psig
10	1,222.4	psig
15	1,221.2	psig
20	1,219.6	psig
25	1,218.4	psig
30 min	1,219.4	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: (Pass) Fail

Signature of Witness: _____
Signature of Person Conducting Test: Inaki Lasa

Sundry Number: 59889 API Well Number: 43013308430000



NEWFIELD

Schematic

Well Name: Mon 8-34-8-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
34-8S-16E	43013308430000	500151476		Utah	GMBU CTB4	DUCHESNE

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
2/28/1984	3/9/1984	4/19/1984	5,614	5,628		Original Hole - 6,350.0

Most Recent Job

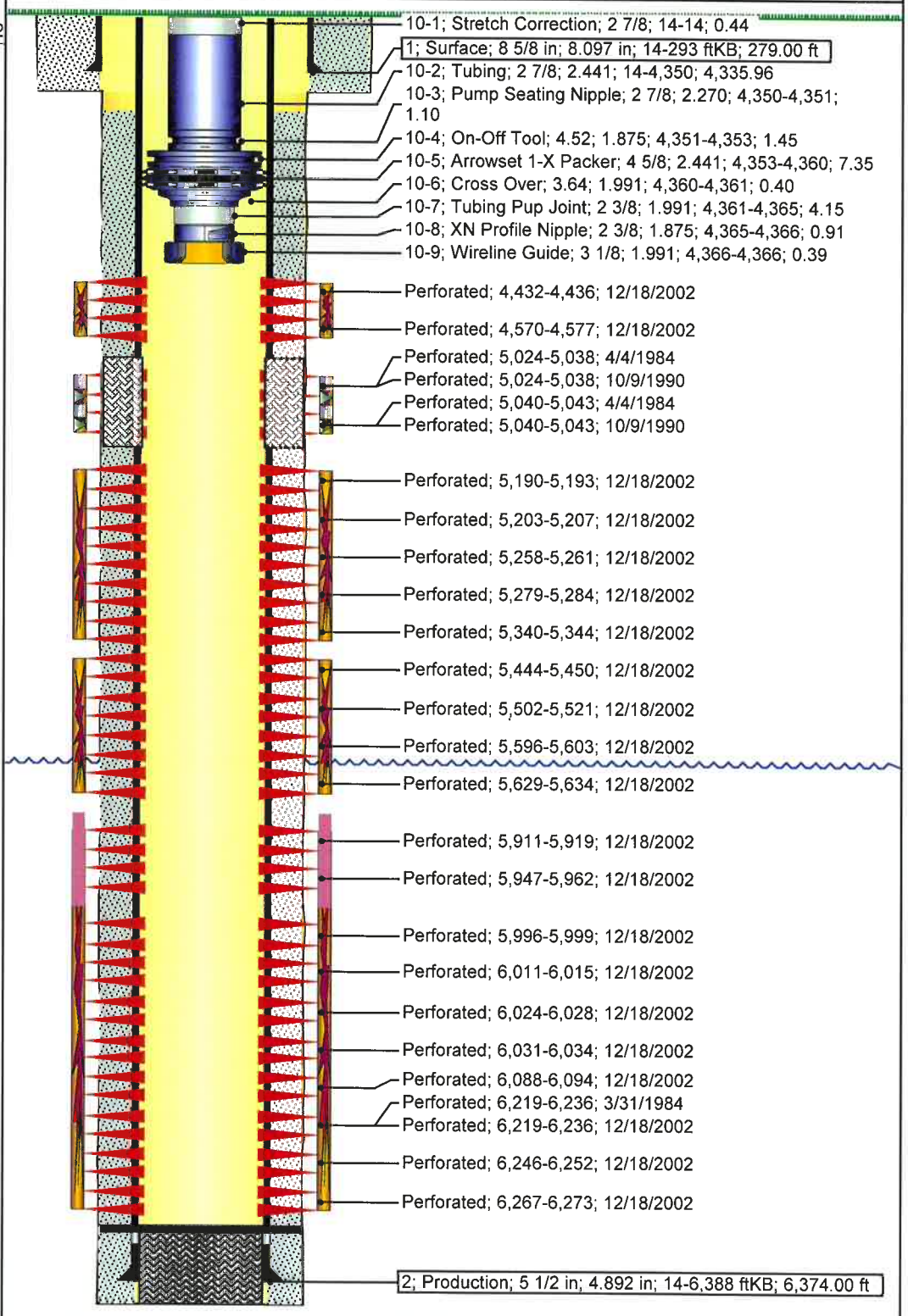
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Recompletion	Other Stimulation	N/A	12/2/2014	1/8/2015

TD: 6,400.0 Vertical - Original Hole, 1/12/2015 8:55:20 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
14.4	14.4	0.1
293.0	293.0	0.4
3,284.1	3,284.0	1.3
4,351.4	4,350.9	1.5
4,360.2	4,359.8	1.5
4,364.8	4,364.4	1.5
4,366.1	4,365.7	1.5
4,436.0	4,435.6	1.4
4,577.1	4,576.6	1.5
5,024.0	5,023.3	1.5
5,040.0	5,039.3	1.5
5,043.6	5,042.9	1.5
5,192.9	5,192.2	1.8
5,207.0	5,206.3	1.8
5,261.2	5,260.4	1.5
5,284.1	5,283.3	1.4
5,344.2	5,343.4	1.1
5,450.1	5,449.3	0.9
5,521.0	5,520.2	0.9
5,603.0	5,602.2	1.1
5,633.9	5,633.0	1.2
5,911.1	5,910.2	1.1
5,946.9	5,946.0	1.1
5,990.2	5,989.2	1.2
5,999.0	5,998.1	1.2
6,015.1	6,014.2	1.2
6,027.9	6,027.0	1.3
6,034.1	6,033.2	1.3
6,094.2	6,093.2	1.5
6,235.9	6,234.9	2.2
6,252.0	6,250.9	2.2
6,273.0	6,271.9	2.2
6,350.7	6,349.6	2.2
6,388.1	6,387.0	2.2

DLS (°…
0 — 2

Vertical schematic (actual)



NEWFIELD

Newfield Wellbore Diagram Data
Mon 8-34-8-16

Surface Legal Location	API/UWI	Lease
34-8S-16E	43013308430000	

County	State/Province	Basin	Field Name
DUCHESNE	Utah	Uintah Basin	GMBU CTB4

Well Start Date	Spud Date	Final Rig Release Date	On Production Date
2/28/1984	2/28/1984	3/9/1984	4/19/1984

Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
5,614	5,628	6,400.0		Original Hole - 6,350.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	2/29/1984	8 5/8	8.097	24.00	J-55	293
Production	3/9/1984	5 1/2	4.892	17.00	J-55	6,388

Cement

String: Surface, 293ftKB 2/29/1984

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	14.0	302.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
+2% CaCl + 1/4#/sk flocele	Lead	210	G	14.0

String: Production, 6,388ftKB 3/9/1984

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	3,284.0	6,400.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
	Lead	150	Hifill	3,284.0
	Tail	325	Gypseal	4,800.0

String: <String?> 12/14/2002

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	5,023.5	5,043.5		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
W/ .75% FL-62 & .2% SMS	Squeeze	100	G	5,023.5

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	1/5/2015	4,366.2

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8				0.44	14.0	14.4
Tubing	134	2 7/8	2.441	6.50	J-55	4,335.96	14.4	4,350.4
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,350.4	4,351.5
On-Off Tool	1	4.515	1.875			1.45	4,351.5	4,353.0
Arrowset 1-X Packer	1	4 5/8	2.441			7.35	4,353.0	4,360.3
Cross Over	1	3.635	1.991			0.40	4,360.3	4,360.7
Tubing Pup Joint	1	2 3/8	1.991			4.15	4,360.7	4,364.9
XN Profile Nipple	1	2 3/8	1.875			0.91	4,364.9	4,365.8
Wireline Guide	1	3 1/8	1.991			0.39	4,365.8	4,366.2

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
6	GB2, Original Hole	4,432	4,436	4			12/18/2002
6	GB6, Original Hole	4,570	4,577	4			12/18/2002
1	D1, Original Hole	5,024	5,038	1			4/4/1984
2	D1, Original Hole	5,024	5,038	3			10/9/1990
1	D1, Original Hole	5,040	5,043	1			4/4/1984
2	D1, Original Hole	5,040	5,043	3			10/9/1990
5	C, Original Hole	5,190	5,193	4			12/18/2002
5	C, Original Hole	5,203	5,207	4			12/18/2002
5	B1, Original Hole	5,258	5,261	4			12/18/2002
5	B1, Original Hole	5,279	5,284	4			12/18/2002
5	B2, Original Hole	5,340	5,344	4			12/18/2002
4	A.5, Original Hole	5,444	5,450	4			12/18/2002
4	A3, Original Hole	5,502	5,521	4			12/18/2002
4	LODC, Original Hole	5,596	5,603	4			12/18/2002
4	LODC, Original Hole	5,629	5,634	4			12/18/2002
3	CP.5, Original Hole	5,911	5,919	4			12/18/2002

NEWFIELD

Newfield Wellbore Diagram Data
Mon 8-34-8-16

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
3	CP1, Original Hole	5,947	5,962	4			12/18/2002
3	CP2, Original Hole	5,996	5,999	4			12/18/2002
3	CP3, Original Hole	6,011	6,015	4			12/18/2002
3	CP3, Original Hole	6,024	6,028	4			12/18/2002
3	CP3, Original Hole	6,031	6,034	4			12/18/2002
3	CP4, Original Hole	6,088	6,094	4			12/18/2002
	BS, Original Hole	6,219	6,236	1			3/31/1984
3	BS, Original Hole	6,219	6,236	4			12/18/2002
3	BS, Original Hole	6,246	6,252	4			12/18/2002
3	BS, Original Hole	6,267	6,273	4			12/18/2002

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,160		31.0	2,650			
2	2,700						
3	2,200	0.8	15.2	3,820			
4	3,700		15.2	4,610			
5	2,750	0.962	15.0	4,610			
6	3,300		24.8	2,980			
7							

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 89500 lb
2		
3		Proppant Sand 197938 lb
4		Proppant Sand 99421 lb
5		Proppant Sand 60044 lb
6		Proppant Sand 26820 lb
7		

NEWFIELD

Job Detail Summary Report

Well Name: Mon 8-34-8-16

Jobs

Primary Job Type	Job Start Date	Job End Date
Other Stimulation	12/2/2014	1/8/2015

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
12/2/2014	12/2/2014	MIRU

Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety MTG
07:00	09:00	Load out & move from ASH 14-11 To MON BUTTE FED 8-34, MIRU Same
09:00	14:45	Flow back well, Flowed back 140 BBLS Oil & 160 BBLS H2O
14:45	17:00	ND Welhead, Strip on 5000# BOPS, RU Floor & TBG Works, REL 5 1/2" Arrowset-1 PKR, CWI
17:00	18:00	Crew Travel

Report Start Date	Report End Date	24hr Activity Summary
12/3/2014	12/3/2014	TOOH W/ PROD PKR, TIH W/ Bit & Scraper

Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety MTG
07:00	09:30	Flush TBG W/ 40 BBLS H2O, TOOH W/ 134 JTS 2 7/8" TBG, LD 2 3/8" Reentry guide, XN Nipple, 4' 2 3/8" TBG SUB, X-over, 5 1/2" Arrowset-1 PKR, On/off tool & PSN, Stopped once & flushed TBG W/ 30 BBLS H2O
09:30	12:45	PU & TIH W/ 5 1/2" Bit & Scraper PSN & 134 JTS 2 7/8" TBG, CONT PU 61 JTS 2 7/8" TBG Tag fill @ 6320' LD 10 JTS EOT @ 5994
12:45	13:30	CIRC SV To PSN, Test TBG To 3000 PSI-OK, RU & RIH W/ Sandline RET SV, POOH & Rack out sandline 1:30 TOOH W/ 185 JTS 2 7/8" TBG, LD 5 1/2" Bit & Scraper
13:30	15:30	PU & TIH W/ 5 1/2" RBP, RH, 4' 2 3/8" TBG SUB, X-Over 5 1/2" PKR & 134 JTS 2 7/8" TBG, EOT @ 4356', CW
15:30	16:30	Crew Travel

Report Start Date	Report End Date	24hr Activity Summary
12/4/2014	12/4/2014	Flush Tbg, Cont TIH Tbg

Start Time	End Time	Comment
06:00	07:00	C/Trvl & Safety Mtg
07:00	10:00	Flush TBG W/ 30 BBLS H2O, CONT TIH W/ 52 JTS 2 7/8" TBG, Set RBP & 5990' & PKR @ 5968', Test tools to 3000 PSI For 30 MIN-Good test, REL PKR, PUH & Set @ 5872', Land TBG W/ Well head, RDMO @ 10:00

Report Start Date	Report End Date	24hr Activity Summary
12/13/2014	12/15/2014	Polymer Treatment Treatment pumped continuously

Start Time	End Time	Comment
07:00	20:00	Completed polymer injection and followed with a 203 barrel water flush. Injected a total of 1507 barrels of gelant that has consisted of 504 bbls @ 5000 ppm, 495 bbls @ 3500 ppm, 252 bbls @ 5000 ppm, and 256 bbls @ 8000 ppm polymer concentration. The WHP reached a max of 2525 psi and fell to 2300 psi by the end of the water flush. We performed a 30 minute fall off test and saw the pressure fall to 2200 psi.

Report Start Date	Report End Date	24hr Activity Summary
12/30/2014	12/30/2014	LOAM, RU RIG & XO TBG EQUIP

Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety Mtg

NEWFIELD

Job Detail Summary Report

Well Name: Mon 8-34-8-16

Start Time	End Time	Comment
07:00	09:00	LOAM from 14-23-9-16 to 8-34-8-16
09:00	13:00	RU rig & XO to tbg equip, Thaw well head to bleed down well & ND well head, Release PKR to let well flow up csg & pump 40 bbls down tbg. NU BOPs & TIH w/4 jts tbg to Retrieve Plug, Release plug & pump 30 bbls down tbg & take lunch break.
13:00	17:30	TOOH LD tbg total of 51 jts, Cont TOOH w/tbg to derick w/67 stands, total of 134 jts, Talley on TOOH, TIH w/BHA as follows, 2-3/8" XN-Nipple, 4' pup jt w/XO, Stacked Oil tools PKR, On/Off tool, 2-7/8" PSN, 74 jts tbg, MU 10' sub & SWIOW. SDFN @5:30pm ready to Finish TIH w/tbg.
17:30	18:30	Crew Travel

Report Start Date	Report End Date	24hr Activity Summary
1/5/2015	1/5/2015	Cont TIH w/ Tbg, wait on water, Drop SV

Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety Mtg
07:00	12:00	Thaw well head & bleed down to tank, pump 10 bbls down csg to thaw tbg, tbg unplugged, pump 30 bbls hot down tbg, Cont TIH w/tbg total of 134 jts tbg, wait on water from 10-12
12:00	14:30	Pump 10 bbls down tbg, Drop SV & pump down w/20 bbls. Wont Pressure up past 1800psi, PU & RIH w/sand line & tag SV @4000', push down to PSN @4346', POOH w/sand line & try to pressure up again, wont go past 2300psi, pump 20 bbls down csg to try & flush the SV clean. Pump another 10bbls down tbg willl pressure up to 3000 but wont hold pressure. PU & RIH w/sand line & Retrieve SV, POOH w/sand line & flush tbg w/30 bbls & drop New SV, pump down w/10 bbls & pressured up to 3000psi, wait for 30 min test.
14:30	17:30	Gained 300 psi bleed down to 2800 & watch pressure, Gained 200 psi & held @3000psi good test, bleed down tbg. PU & RIH w/sand line to fish SV @ PSN, POOH w/sandline & RD floor & ND BOPs, NU Injection tree & SWION. SDFN @5:30pm Ready to pump PKR fluid & test csg.
17:30	18:30	Crew Travel

Report Start Date	Report End Date	24hr Activity Summary
1/8/2015	1/8/2015	Conduct MIT

Start Time	End Time	Comment
09:30	10:00	On 01/06/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 01/08/2015 the csg was pressured up to 1219 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

CROSS-LINKED POLYMER GEL
WATER REDISTRIBUTION TREATMENT
JOB LOG AND SUMMARY PREPARED FOR

NEWFIELD

MONUMENT BUTTE FIELD
WELL NO. 8-34-8-16
DUCHESNE COUNTY, UTAH

December 16, 2014

EOGA
A Flotek Company
PO Box 2230 • Keller, Texas 76244-2230

817.431.6336 (off)
817-431.6337 (fax)
www.getmoreoil.com

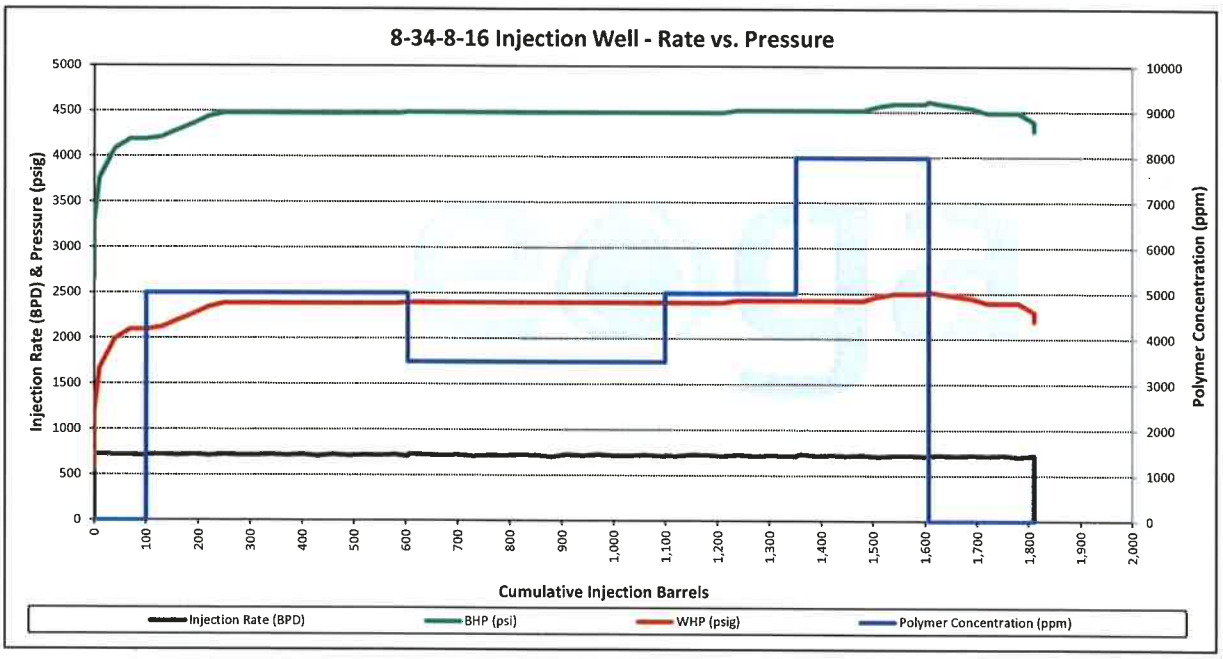
BULK POLYMER GEL TREATMENT

Morning Progress Report

Company Name:	Newfield Exploration	**Location:**	Duchesne Co., UT
Field Name:	Monument Butte	**Date:**	12/16/2014
Well Name:	8-34-8-16	**Est. Cum. Cost:**	$30,000

The following is the most recent information available for the bulk polymer gel treatment that is in progress at the above captioned well.

Stage No.	Begin Date	Begin Time	End Date	End Time	Polymer		Cross-linker		Gel	WHP (psi)		BHP (psi)		Rate (BPM)		Comments
					Ppm	Lbs.	Ratio	Lbs.	Bbls.	Begin	End	Begin	End	Begin	End	
1	12/13/2014	7:00 AM	12/13/2014	11:00 AM	0	0		0	0	1200	2100	3292	4192	0.50	0.50	100 barrels water
2	12/13/2014	11:00 AM	12/14/2014	3:48 AM	5000	881	40	192	504	2100	2400	4192	4492	0.50	0.50	
3	12/14/2014	3:48 AM	12/14/2014	8:18 PM	3500	606	40	132	495	2400	2400	4492	4492	0.50	0.50	
4	12/14/2014	8:18 PM	12/15/2014	4:42 AM	5000	441	40	96	252	2400	2425	4492	4517	0.50	0.50	
5	12/15/2014	4:42 AM	12/15/2014	1:14 PM	8000	716	40	156	256	2425	2525	4517	4617	0.50	0.50	
6	12/15/2014	1:14 PM	12/15/2014	8:00 PM	0	0		0	0	2525	2300	4617	4392	0.50	0.50	203 barrels water
Totals						2644		575	1507							



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Project Engineer - Jay Portwood
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817-312-1033 (cell)

PROJECT INFORMATION

Company Name:	Newfield Exploration	MD to Top Perforation (ft.):	4432	EOT (ft.):	4367
Field Name:	Monument Butte	MD to Btm Perforation (ft.):	6273	Packer (ft.):	4357
Well Name:	8-34-8-16	MD to Mid-Perf (ft.):	5353	Tbg Size:	2.875"
Injector or Producer:	Injector	BHP Tool Depth (ft.):	NA	Tbg. Cap. (bbls./ft.):	0.00538
County/State:	Duchesne/Utah	Type Mix Water Used:	Produced	Tbg. Vol. (bbls.):	23.49
Polymer Unit No.:	1	Mix Water Specific Gravity:	1.09	Csg Size:	5.5", 15.5#
Polymer Unit Operators:	Paul Larson (day) 785-346-6281 / Vance Garner (night) 785-346-8070	Mix Water Pressure Gradient (psi per ft.):	0.472	Csg. Cap. (bbls./ft.):	0.0238
Generator Used (Yes/No):	Yes	Expect Positive WHP @ BHP of:	#VALUE!	Csg Vol. bbls. (Pkr. to Plug):	45.3628
Customer Contact:	Garrett Worrell 303-382-4492 (off) 435-401-1319 (cell)	Calculated Static BHP (psig):	2400 est	Total Well Vol. (bbls.):	68.86

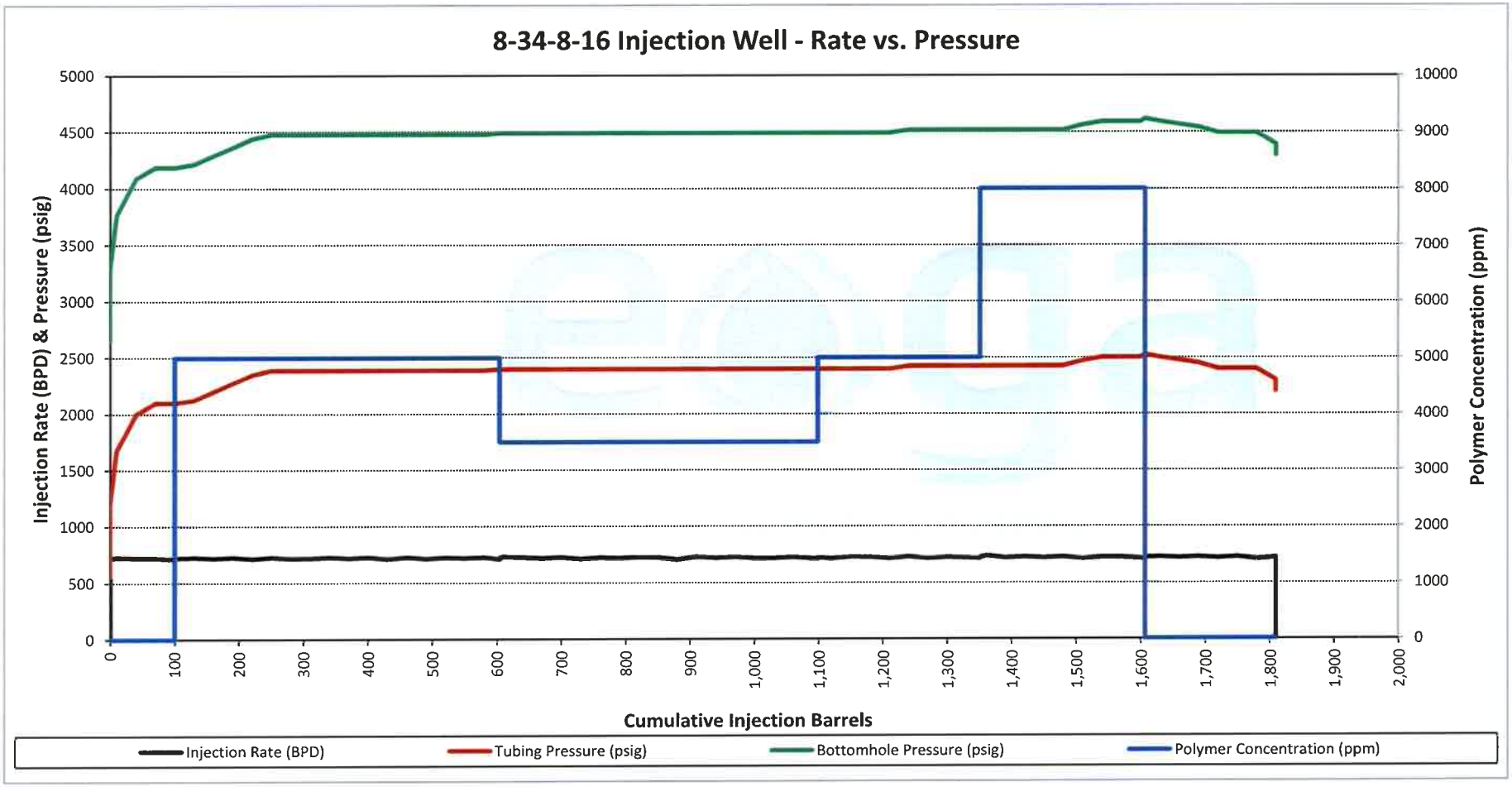
Date	Time	Elapsed Time Between Readings (Mins.)	Injection Rate BPD	Injection Rate BPM	Total Cum. Injection (Bbls.)	Stage Cum. Injection Bbls.	Tubing Pressure (psig)	PSIG per Bbl Injected	PSIG per Hour Injected	Bottomhole Conditions Pressure: Actual Reading (psig)	Bottomhole Conditions Pressure: Calculated to Top Perforation (psig)	Hali Plot Cum. psi-time	Injectivity Ratio (Psi ÷ Rate)	Δp	Injectivity Index BPD/(Calc. BHP-Static BHP) (BPD per psig)	Pressure Gradient (psig per ft.)	Polymer Concentration (ppm)	Cross-linker Ratio (x:1)	Total Cum. Polymer (lbs.)	Stage Cum. Polymer (lbs.)	Total Cum. X-linker (Lbs.)	Stage Cum. X-linker (Lbs.)	Casing Pressure (psig)	Comments
13-Dec-14	7:00 AM		0	0.00	0	0	560			NA	2652	0		0	0.00		0		0	0	0	0	1100	Static Pressure
13-Dec-14	7:40 AM	0:40	720	0.50	0	0	1200	0.000	0.00	NA	3292	0		0	0.81		0		0	0	0	0	1100	Begin water pre-flush
13-Dec-14	8:00 AM	0:20	727	0.51	10	10	1675	47.030	1425.00	NA	3767	33500	2.30	675	0.53	0.70	0		0	0	0	0	1100	
13-Dec-14	9:00 AM	1:00	722	0.50	40	40	2000	10.797	325.00	NA	4092	153500	2.77	1,000	0.43	0.76	0		0	0	0	0	300	
13-Dec-14	10:00 AM	1:00	722	0.50	70	70	2100	3.322	100.00	NA	4192	279500	2.91	1,100	0.40	0.78	0		0	0	0	0	300	
13-Dec-14	11:00 AM	1:00	713	0.50	100	100	2100	0.000	0.00	NA	4192	405500	2.95	1,100	0.40	0.78	0		0	0	0	0	300	
13-Dec-14	11:00 AM	0:00	720	0.50	100	0	2100	0.000	0.00	NA	4192	405500	2.92	1,100	0.40	0.78	5000	40	0	0	0	0	300	Begin 5,000 ppm polymer gel solution
13-Dec-14	12:00 PM	1:00	725	0.50	130	30	2125	0.828	25.00	NA	4217	533000	2.93	1,125	0.40	0.79	5000	40	53	53	11	11	300	
13-Dec-14	1:00 PM	1:00	718	0.50	160	60	2200	2.508	75.00	NA	4292	665000	3.07	1,200	0.38	0.80	5000	40	105	105	23	23	300	
13-Dec-14	2:00 PM	1:00	725	0.50	190	90	2275	2.483	75.00	NA	4367	801500	3.14	1,275	0.37	0.82	5000	40	158	158	34	34	300	
13-Dec-14	3:00 PM	1:00	715	0.50	220	120	2350	2.517	75.00	NA	4442	942500	3.29	1,350	0.35	0.83	5000	40	210	210	46	46	300	
13-Dec-14	4:00 PM	1:00	726	0.50	250	150	2390	1.322	40.00	NA	4482	1085900	3.29	1,390	0.35	0.84	5000	40	263	263	57	57	300	
13-Dec-14	5:00 PM	1:00	716	0.50	280	180	2390	0.000	0.00	NA	4482	1229300	3.34	1,390	0.34	0.84	5000	40	315	315	68	68	300	
13-Dec-14	6:00 PM	1:00	718	0.50	310	210	2390	0.000	0.00	NA	4482	1372700	3.33	1,390	0.34	0.84	5000	40	367	367	80	80	300	
13-Dec-14	7:00 PM	1:00	725	0.50	340	240	2390	0.000	0.00	NA	4482	1516100	3.30	1,390	0.35	0.84	5000	40	420	420	91	91	300	
13-Dec-14	8:00 PM	1:00	718	0.50	370	270	2390	0.000	0.00	NA	4482	1659500	3.33	1,390	0.34	0.84	5000	40	472	472	103	103	300	
13-Dec-14	9:00 PM	1:00	725	0.50	400	300	2390	0.000	0.00	NA	4482	1802900	3.30	1,390	0.35	0.84	5000	40	525	525	114	114	300	
13-Dec-14	10:00 PM	1:00	713	0.50	430	330	2390	0.000	0.00	NA	4482	1946300	3.35	1,390	0.34	0.84	5000	40	577	577	125	125	300	
13-Dec-14	11:00 PM	1:00	725	0.50	460	360	2390	0.000	0.00	NA	4482	2089700	3.30	1,390	0.35	0.84	5000	40	630	630	137	137	300	
14-Dec-14	12:00 AM	1:00	715	0.50	490	390	2390	0.000	0.00	NA	4482	2233100	3.34	1,390	0.34	0.84	5000	40	682	682	148	148	300	
14-Dec-14	1:00 AM	1:00	722	0.50	520	420	2390	0.000	0.00	NA	4482	2376500	3.31	1,390	0.35	0.84	5000	40	735	735	160	160	300	
14-Dec-14	2:00 AM	1:00	718	0.50	550	450	2390	0.000	0.00	NA	4482	2519900	3.33	1,390	0.34	0.84	5000	40	787	787	171	171	300	
14-Dec-14	3:00 AM	1:00	726	0.50	580	480	2390	0.000	0.00	NA	4482	2663300	3.29	1,390	0.35	0.84	5000	40	840	840	183	183	300	
14-Dec-14	3:48 AM	0:48	710	0.49	604	504	2400	0.423	12.50	NA	4492	2778500	3.38	1,400	0.34	0.84	5000	40	881	881	192	192	300	End Stage #1 @ 5000 ppm
14-Dec-14	3:48 AM	0:00	720	0.50	604	0	2400	0.000	0.00	NA	4492	2778500	3.33	1,400	0.34	0.84	3500	40	881	0	192	0	300	Begin Stage #2 @ 3500 ppm
14-Dec-14	4:00 AM	0:12	732	0.51	610	6	2400	0.000	0.00	NA	4492	2807300	3.28	1,400	0.35	0.84	3500	40	889	8	193	1	300	
14-Dec-14	5:00 AM	1:00	725	0.50	640	36	2400	0.000	0.00	NA	4492	2951300	3.31	1,400	0.35	0.84	3500	40	926	45	201	9	300	
14-Dec-14	6:00 AM	1:00	718	0.50	670	66	2400	0.000	0.00	NA	4492	3095300	3.34	1,400	0.34	0.84	3500	40	962	81	209	17	300	
14-Dec-14	7:00 AM	1:00	725	0.50	700	96	2400	0.000	0.00	NA	4492	3239300	3.31	1,400	0.35	0.84	3500	40	999	118	217	25	300	
14-Dec-14	8:00 AM	1:00	713	0.50	730	126	2400	0.000	0.00	NA	4492	3383300	3.37	1,400	0.34	0.84	3500	40	1035	154	225	33	300	
14-Dec-14	9:00 AM	1:00	722	0.50	760	156	2400	0.000	0.00	NA	4492	3527300	3.32	1,400	0.35	0.84	3500	40	1072	191	233	41	300	
14-Dec-14	10:00 AM	1:00	718	0.50	790	186	2400	0.000	0.00	NA	4492	3671300	3.34	1,400	0.34	0.84	3500	40	1109	228	241	49	300	
14-Dec-14	11:00 AM	1:00	725	0.50	820	216	2400	0.000	0.00	NA	4492	3815300	3.31	1,400	0.35	0.84	3500	40	1146	265	249	57	300	
14-Dec-14	12:00 PM	1:00	722	0.50	850	246	2400	0.000	0.00	NA	4492	3959300	3.32	1,400	0.35	0.84	3500	40	1183	302	257	65	300	
14-Dec-14	1:00 PM	1:00	706	0.49	880	276	2400	0.000	0.00	NA	4492	4103300	3.40	1,400	0.34	0.84	3500	40	1219	338	265	73	300	
14-Dec-14	2:00 PM	1:00	730	0.51	910	306	2400	0.000	0.00	NA	4492	4247300	3.29	1,400	0.35	0.84	3500	40	1256	375	273	81	300	
14-Dec-14	3:00 PM	1:00	718	0.50	940	336	2400	0.000	0.00	NA	4492	4391300	3.34	1,400	0.34	0.84	3500	40	1292	411	281	89	300	
14-Dec-14	4:00 PM	1:00	727	0.50	970	366	2400	0.000	0.00	NA	4492	4535300	3.30	1,400	0.35	0.84	3500	40	1330	449	289	97	300	
14-Dec-14	5:00 PM	1:00	716	0.50	1000	396	2400	0.000	0.00	NA	4492	4679300	3.35	1,400	0.34	0.84	3500	40	1366	485	297	105	300	
14-Dec-14	6:00 PM	1:00	716	0.50	1030	426	2400	0.000	0.00	NA	4492	4823300	3.35	1,400	0.34	0.84	3500	40	1403	522	305	113	300	
14-Dec-14	7:00 PM	1:00	725	0.50	1060	456	2400	0.000	0.00	NA	4492	4967300	3.31	1,400	0.35	0.84	3500	40	1440	559	313	121	300	
14-Dec-14	8:00 PM	1:00	715	0.50	1090	486	2400	0.000	0.00	NA	4492	5111300	3.36	1,400	0.34	0.84	3500	40	1476	595	321	129	300	
14-Dec-14	8:18 PM	0:18	712	0.49	1099	495	2400	0.000	0.00	NA	4492	5154500	3.37	1,400	0.34	0.84	3500	40	1487	606	323	131	300	End Stage #2 @ 3500 ppm
14-Dec-14	8:18 PM	0:00	720	0.50	1099	0	2400	0.000	0.00	NA	4492	5154500	3.33	1,400	0.34	0.84	5000	40	1487	0	323	0	300	Begin Stage #3 @ 5000 ppm
14-Dec-14	9:00 PM	0:42	713	0.50	1120	21	2400	0.000	0.00	NA	4492	5255300	3.37	1,400	0.34	0.84	5000	40	1523	36	331	8	300	
14-Dec-14	10:00 PM	1:00	727	0.51	1150	51	2400	0.000	0.00	NA	4492	5399300	3.30	1,400	0.35	0.84	5000	40	1576	89	343	20	300	
14-Dec-14	11:00 PM	1:00	725	0.50	1180	81	2400	0.000	0.00	NA	4492	5543300	3.31	1,400	0.35	0.84	5000	40	1629	142	354	31	300	
15-Dec-14	12:00 AM	1:00	715	0.50	1210	111	2400	0.000	0.00	NA	4492	5687300	3.36	1,400	0.34	0.84	5000	40	1681	194	365	42	300	
15-Dec-14	1:00 AM	1:00	727	0.51	1240	141	2425	0.825	25.00	NA	4517	5832800	3.33	1,425	0.34	0.84	5000	40	1734	247	377	54	300	
15-Dec-14	2:00 AM	1:00	715	0.50	1270	171	2425	0.000	0.00	NA	4517	5978300	3.39	1,425	0.34	0.84	5000	40	1786	299	388	65	300	
15-Dec-14	3:00 AM	1:00	722	0.50	1300	201	2425	0.000	0.00	NA	4517	6123800	3.36	1,425	0.34	0.84	5000	40	1839	352	400	77	300	
15-Dec-14	4:00 AM	1:00	718	0.50	1330	231	2425	0.000	0.00	NA	4517	6269300	3.38	1,425	0.34	0.84	5000	40	1891	404	411	88	1250	
15-Dec-14	4:42 AM	0:42	713	0.50	1351	252	2425	0.000	0.00	NA	4517	6371150	3.40	1,425	0.34	0.84	5000	40	1927	440	419	96	1300	End Stage #3 @ 5000 ppm
15-Dec-14	4:42 AM	0:00	720	0.50	1351	0	2425	0.000	0.00	NA	4517	6371150	3.37	1,425	0.34	0.84	8000	40	1927	0	419	0	1300	Begin Stage #4 @ 8000 ppm
15-Dec-14	5:00 AM	0:18	736	0.51	1360	9	2425	0.000	0.00	NA	4517	6414800	3.29	1,425	0.35	0.84	8000	40	1953	26	425	6	1450	
15-Dec-14	6:00 AM	1:00	718	0.50	1390	39	2425	0.000	0.00	NA	4517	6560300	3.38	1,425	0.34	0.84	8000	40	2037	110	443	24	1500	
15-Dec-14	7:00 AM	1:00	725	0.50	1420	69	2425	0.000	0.00	NA	4517	6705800	3.35	1,425	0.34	0.84	8000	40	2121	194	461	42	1500	
15-Dec-14	8:00 AM	1:00	718	0.50	1450	99	2425	0.000	0.00	NA	4517	6851300	3.38	1,425	0.34	0.84	8000	40	2205	278	479	60	500	Changed gauge on casing and relieved pressure
15-Dec-14	9:00 AM	1:00	725	0.50	1480	129	2425	0.000	0.00	NA	4517	6996800	3.35	1,425	0.34	0.84	8000	40	2289	362	498	79	500	
15-Dec-14	10:00 AM	1:00	713	0.49	1510	159	2470	1.515	45.00	NA	4562	7145000	3.47	1,470	0.33	0.85	8000	40	2372	445	516	97	600	
15-Dec-14	11:00 AM	1:00	722	0.50	1540	189	2500	0.997	30.00	NA	4592	7295000	3.46	1,500	0.33	0.86	8000	40	2457	530	534	115	600	
15-Dec-14	12:00 PM	1:00	722	0.50	1570	219	2500	0.000	0.00	NA	4592	7445000	3.46	1,500	0.33	0.86	8000	40	2541	614	552	133	625	
15-Dec-14	1:00 PM	1:00	715	0.50	1600	249	2500	0.000	0.00	NA	4592	7595000	3.50	1,500	0.33	0.86	8000	40	2624	697	570	151	625	
15-Dec-14	1:14 PM	0:14	710	0.49	1607	256	2525	3.623	107.14	NA	4617	7630350	3.56	1,525	0.32	0.86	8000	40	2644	717	575	156	625	End Polymer
15-Dec-14	1:14 PM	0:00	720	0.50	1607	0	2525	0.000	0.00	NA	4617	7630350	3.51	1,525	0.32	0.86	0		2644	0	575	0	625	Begin water post flush
15-Dec-14	2:00 PM	0:46	726	0.50	1630	23	2500	-1.078	32.61	NA	4592	7745350	3.44	1,500	0.33	0.86	0		2644	0	575	0	600	
15-Dec-14	3:00 PM	1:00	718	0.50	1660	53	2475	-0.836	-25.00	NA	4567	7893850	3.45	1,475	0.33	0.85	0		2644	0	575	0	600	
15-Dec-14	4:00 PM	1:00	726	0.50	1690	83	2450	-0.826	-25.00	NA	4542	8040850	3.37	1,450	0.34	0.85	0		2644	0	575	0	600	
15-Dec-14	5:00 PM	1:00	716	0.50	1720	113	2400	-1.675	-50.00	NA	4492	8184850	3.35	1,400	0.34	0.84	0		2644	0	575	0	600	

Project Engineer - Jay Portwood
P.O. Box 2230 Keller, TX 76244-2230
817-431-6336 (off) 817-431-6337 (fax)
817-312-1033 (cell)

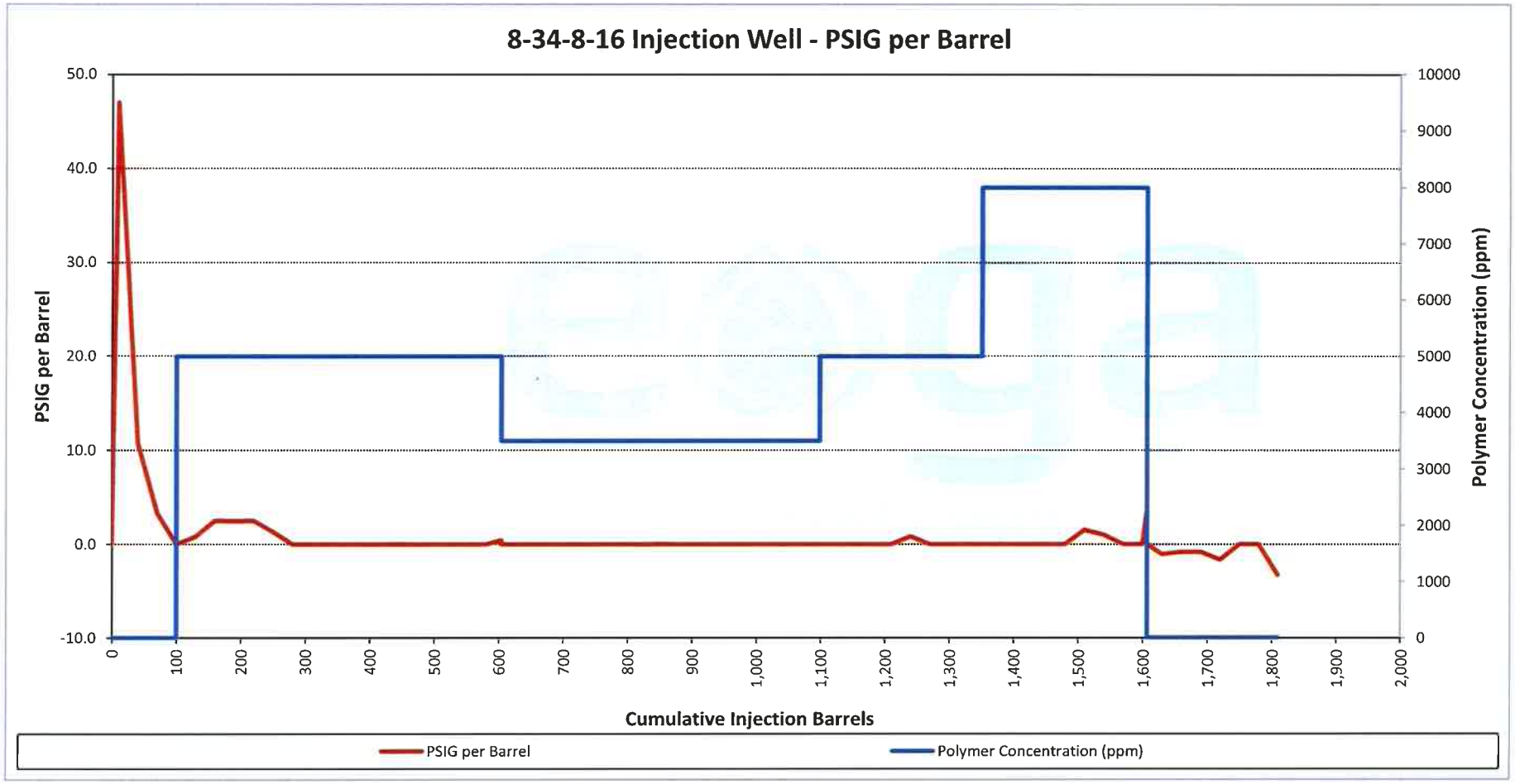
PROJECT INFORMATION

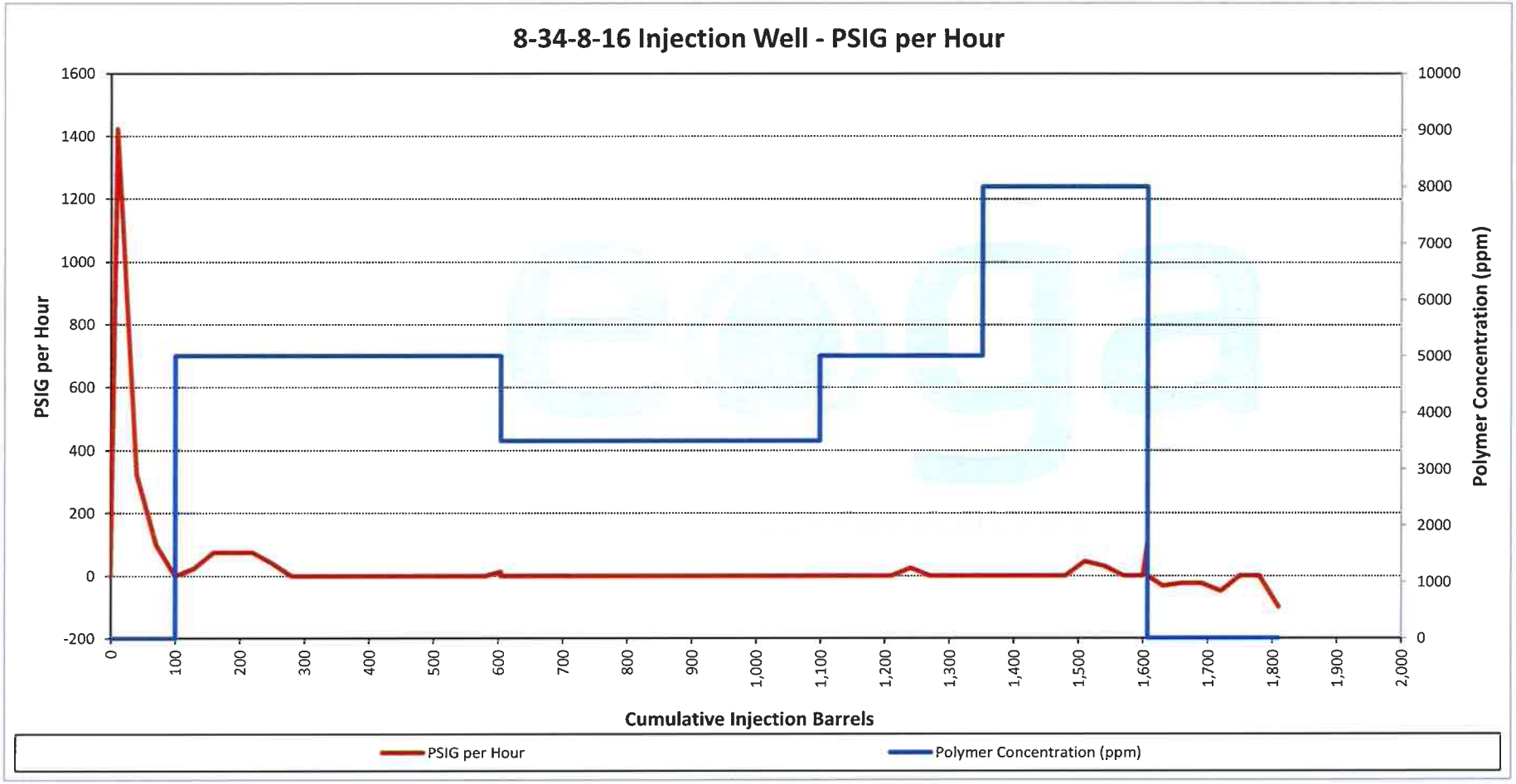
Company Name:	Newfield Exploration	MD to Top Perforation (ft.):	4432	EOT (ft.):	4367
Field Name:	Monument Butte	MD to Btm Perforation (ft.):	6273	Packer (ft.):	4357
Well Name:	8-34-8-16	MD to Mid-Perf (ft.):	5353	Tbg Size:	2.875"
Injector or Producer:	Injector	BHP Tool Depth (ft.):	NA	Tbg. Cap. (bbls./ft.):	0.00538
County/State:	Duchesne/Utah	Type Mix Water Used:	Produced	Tbg. Vol. (bbls.):	23.49
Polymer Unit No.:	1	Mix Water Specific Gravity:	1.09	Csg Size:	5.5", 15.5#
Polymer Unit Operators:	Paul Larson (day) 785-346-6281 / Vance Garner (night) 785-346-8070	Mix Water Pressure Gradient (psi per ft.):	0.472	Csg. Cap. (bbls./ft.):	0.0238
Generator Used (Yes/No):	Yes	Expect Positive WHP @ BHP of:	#VALUE!	Csg Vol. bbls. (Pkr. to Plug):	45.3628
Customer Contact:	Garrett Worrell 303-382-4492 (off) 435 401-1319 (cell)	Calculated Static BHP (psig):	2400 est	Total Well Vol. (bbls.):	68.86

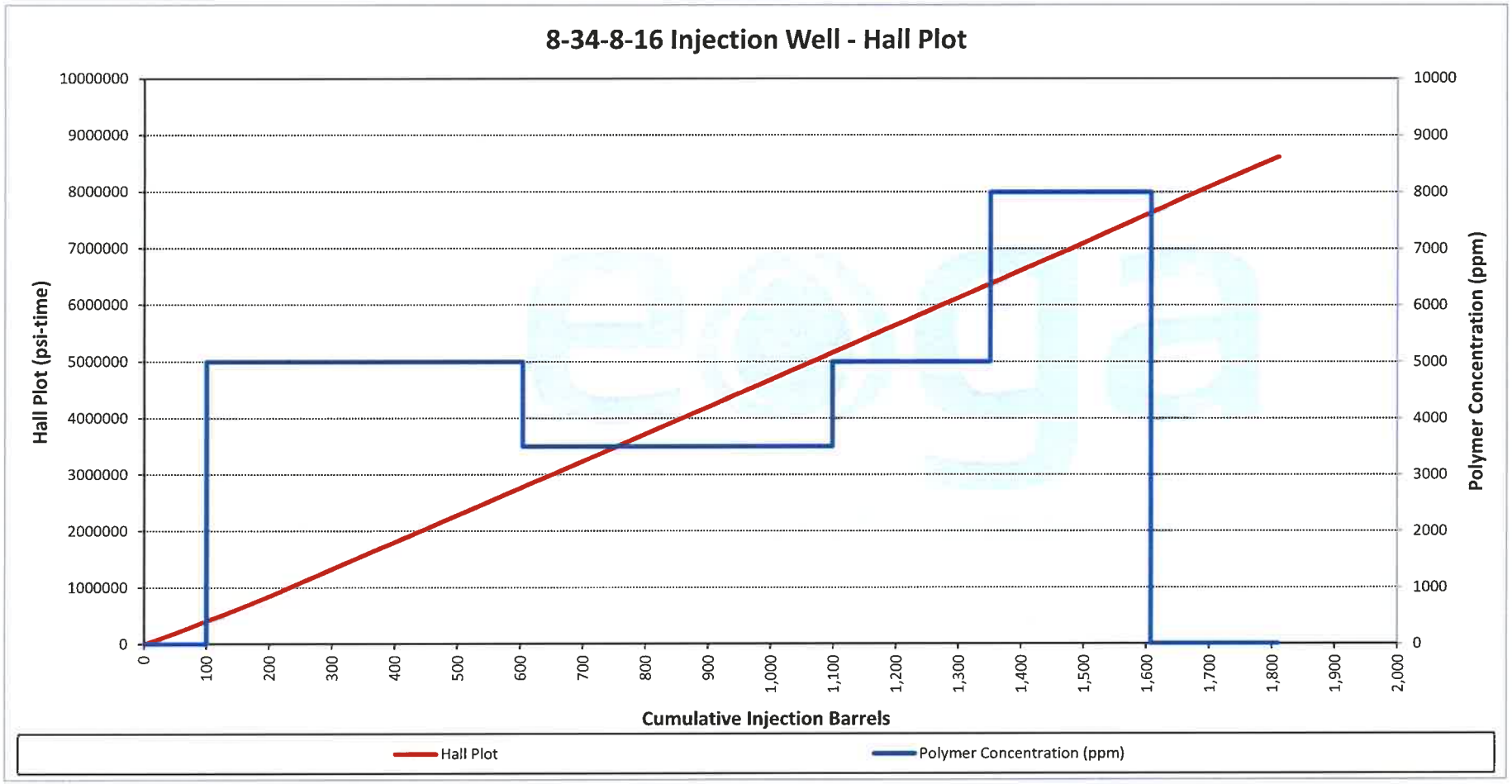
Date	Time	Elapsed Time Between Readings (Mins.)	Injection Rate BPD	Injection Rate BPM	Total Cum. Injection (Bbls.)	Stage Cum. Injection Bbls.	Tubing Pressure (psig)	PSIG per Bbl Injected	PSIG per Hour Injected	Bottomhole Conditions Pressure: Actual Reading (psig)	Bottomhole Conditions Pressure: Calculated to Top Perforation (psig)	Hall Plot Cum. psi-time	Injectivity Ratio (Psi ÷ Rate)	Δp	Injectivity Index BPD/(Calc. BHP-Static BHP) (BPD per psig)	Pressure Gradient (psig per ft.)	Polymer Concentration (ppm)	Cross-linker Ratio (x:1)	Total Cum. Polymer (lbs.)	Stage Cum. Polymer (lbs.)	Total Cum. X-linker (Lbs.)	Stage Cum. X-linker (Lbs.)	Casing Pressure (psig)	Comments
15-Dec-14	6:00 PM	1:00	725	0.50	1750	143	2400	0.000	0.00	NA	4492	8328850	3.31	1,400	0.35	0.84	0		2644	0	575	0	600	
15-Dec-14	7:00 PM	1:00	708	0.49	1780	173	2400	0.000	0.00	NA	4492	8472850	3.39	1,400	0.34	0.84	0		2644	0	575	0	600	
15-Dec-14	8:00 PM	1:00	722	0.50	1810	203	2300	-3.322	-100.00	NA	4392	8610850	3.18	1,300	0.36	0.82	0		2644	0	575	0	600	end water post-flush
15-Dec-14	8:00 PM	0:00	0	0.00	1810	203	2300			NA	4392	8610850		1,300			0		2644	0	575	0	575	ISIP
15-Dec-14	8:05 PM	0:05	0	0.00	1810	203	2275			NA	4367	8610850		1,275			0		2644	0	575	0	575	5 MINUTE SIP
15-Dec-14	8:10 PM	0:05	0	0.00	1810	203	2250			NA	4342	8610850		1,250			0		2644	0	575	0	550	10 MINUTE SIP
15-Dec-14	8:15 PM	0:05	0	0.00	1810	203	2225			NA	4317	8610850		1,225			0		2644	0	575	0	550	15 MINUTE SIP
15-Dec-14	8:20 PM	0:05	0	0.00	1810	203	2225			NA	4317	8610850		1,225			0		2644	0	575	0	550	20 MINUTE SIP
15-Dec-14	8:25 PM	0:05	0	0.00	1810	203	2200			NA	4292	8610850		1,200			0		2644	0	575	0	550	25 MINUTE SIP
15-Dec-14	8:30 PM	0:05	0	0.00	1810	203	2200			NA	4292	8610850		1,200			0		2644	0	575	0	550	30 MINUTE SIP

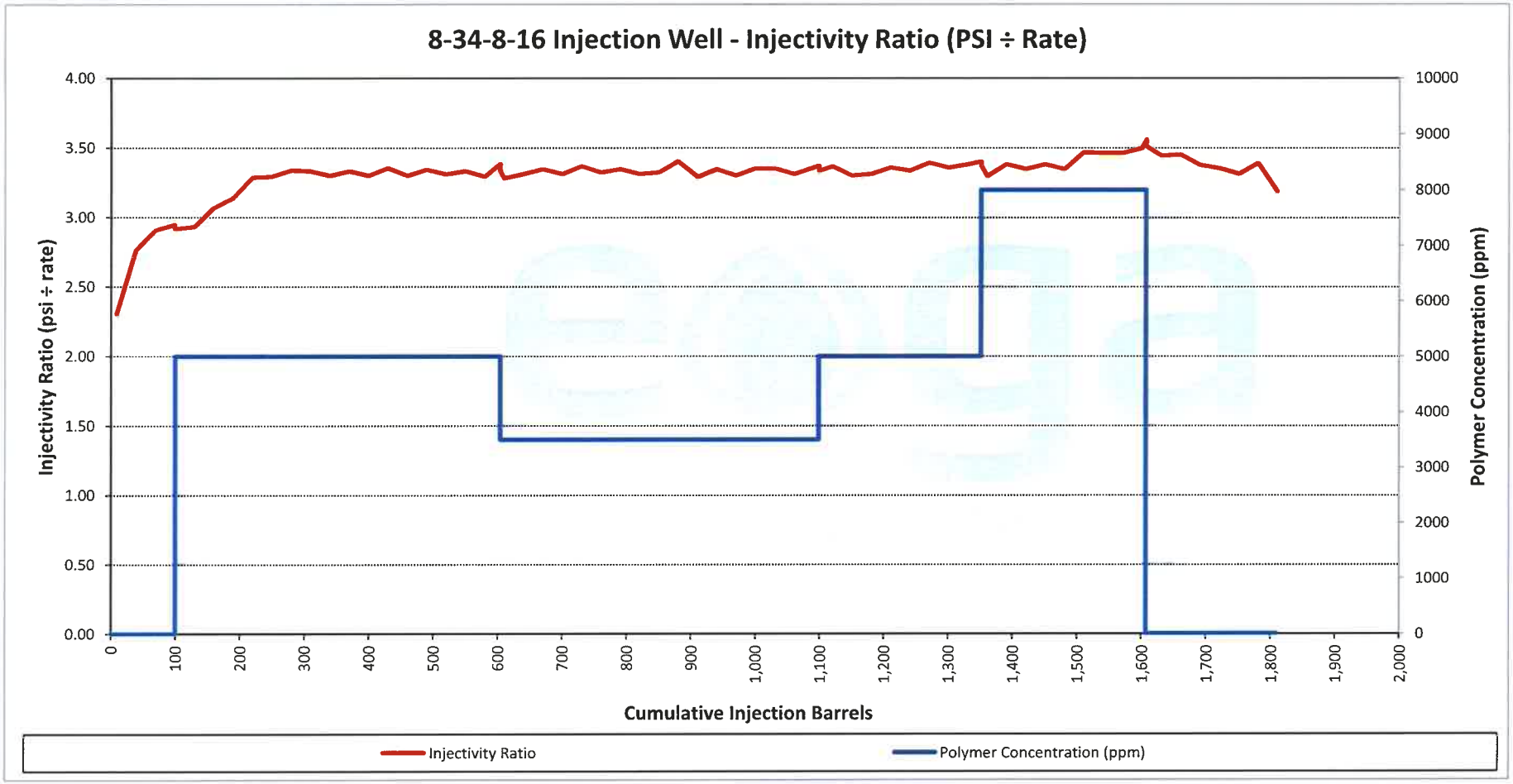

8-34-8-16 Injection Well - Rate vs. Pressure
Injection Rate (BPD) & Pressure (psig)
Polymer Concentration (ppm)
Cumulative Injection Barrels
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900
2,000
Injection Rate (BPD)
Tubing Pressure (psig)
Bottomhole Pressure (psig)
Polymer Concentration (ppm)

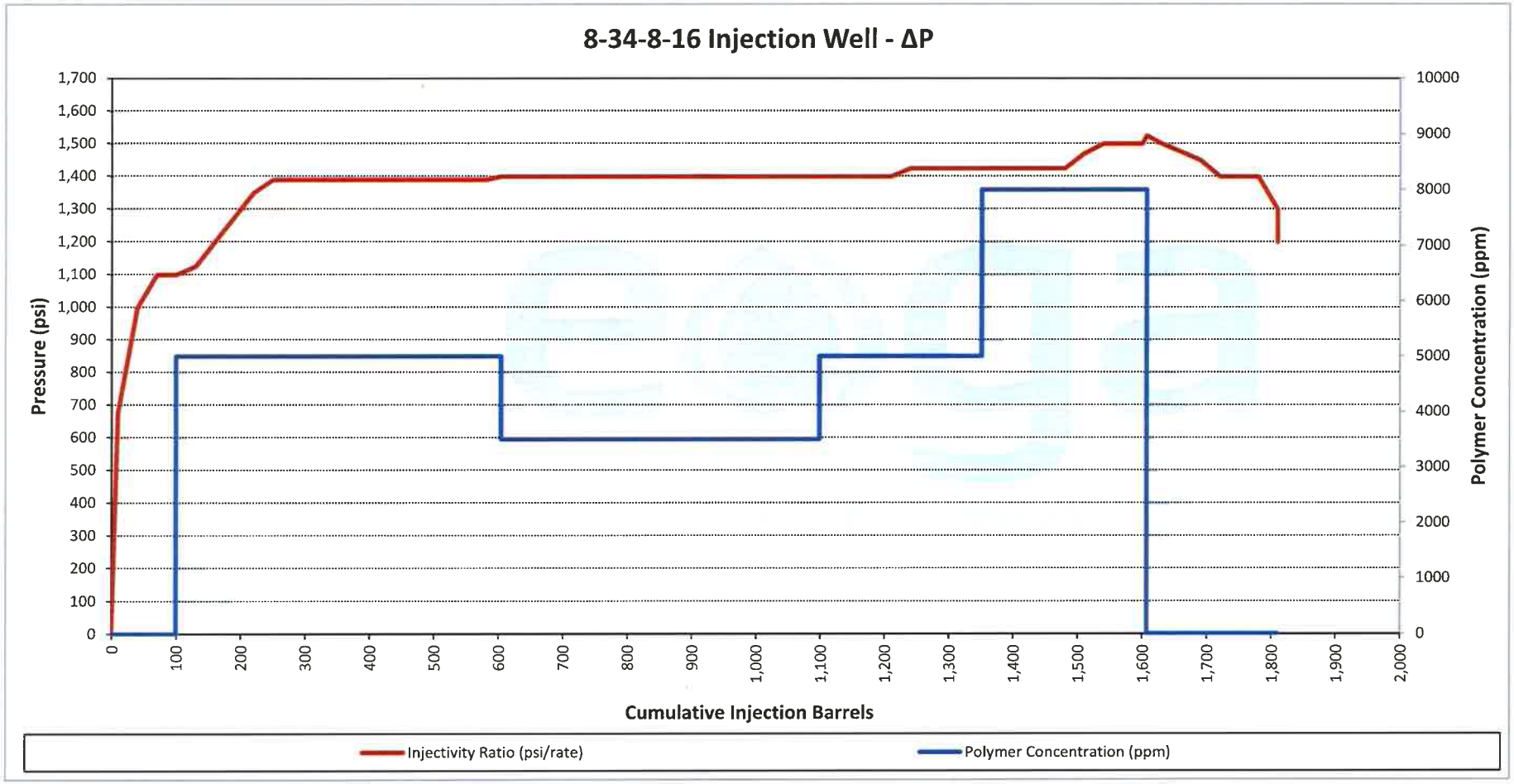
Sundry Number: 59889 API Well Number: 43013308430000



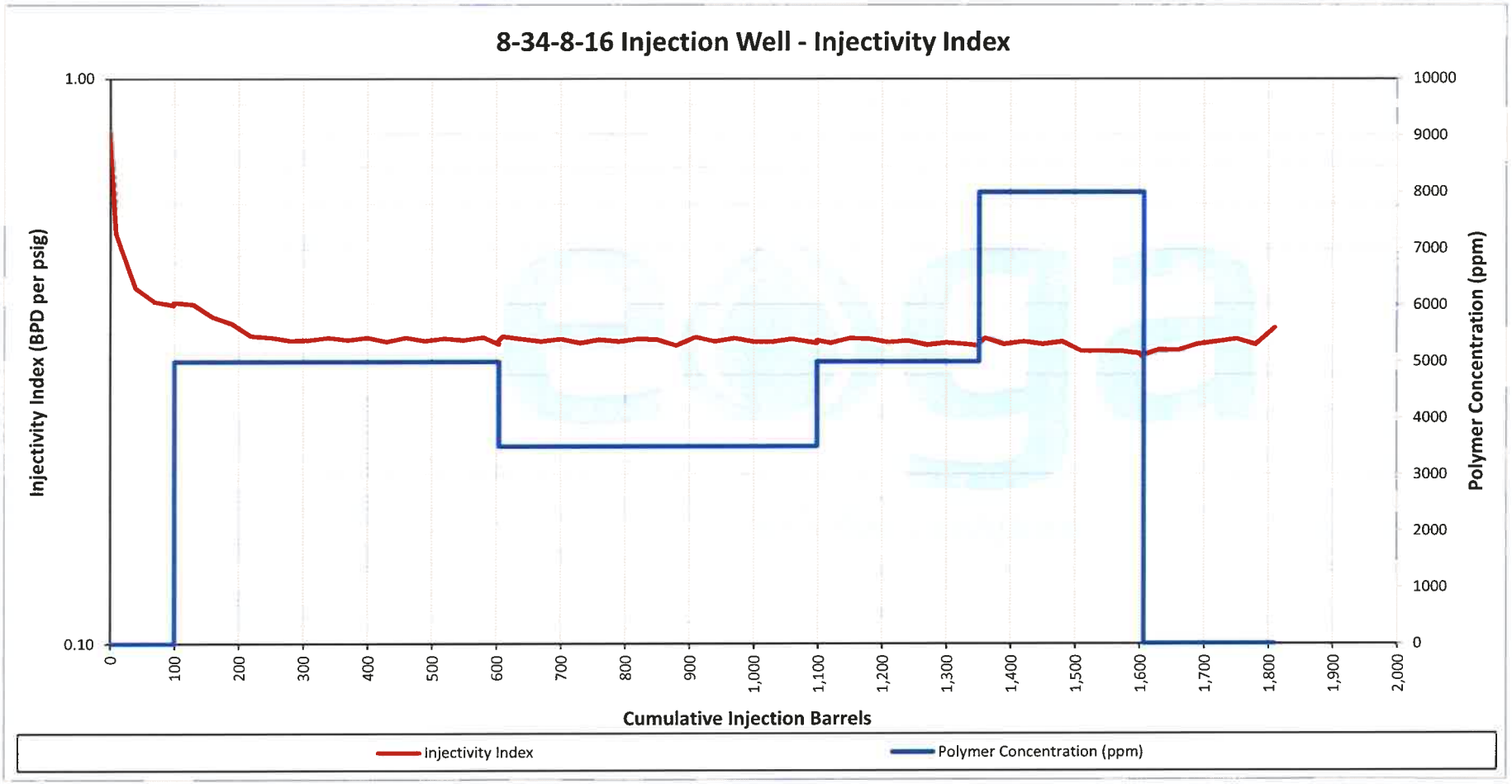

8-34-8-16 Injection Well - PSIG per Hour
PSIG per Hour
Polymer Concentration (ppm)
Cumulative Injection Barrels
1600
1400
1200
1000
800
600
400
200
0
-200
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900
2,000
PSIG per Hour
Polymer Concentration (ppm)

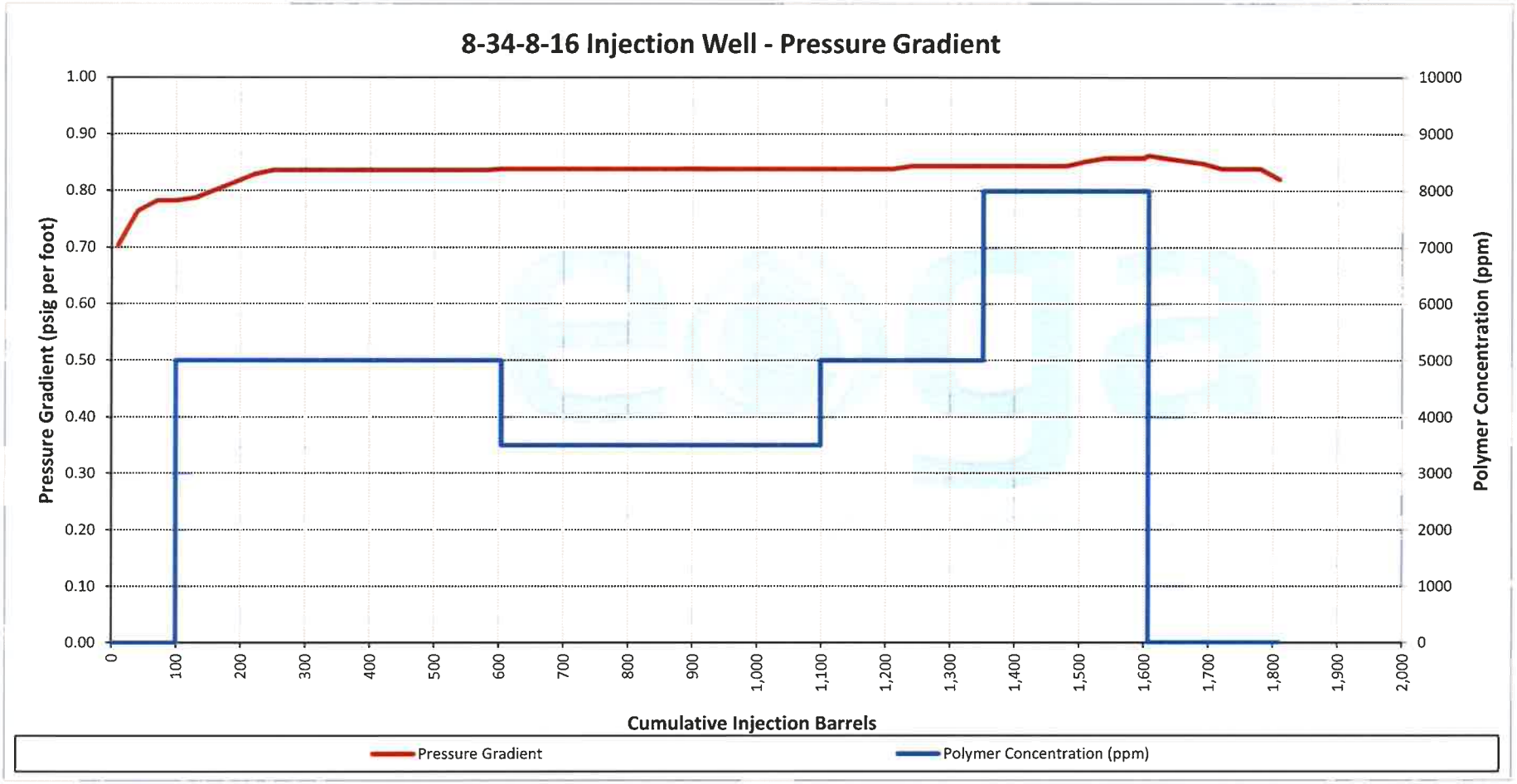

8-34-8-16 Injection Well - Hall Plot
Hall Plot (psi-time)
10000000
9000000
8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
0
Polymer Concentration (ppm)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900
2,000
Cumulative Injection Barrels
Hall Plot
Polymer Concentration (ppm)


8-34-8-16 Injection Well - Injectivity Ratio (PSI ÷ Rate)
Injectivity Ratio (psi ÷ rate)
Polymer Concentration (ppm)
Cumulative Injection Barrels
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900
2,000
Injectivity Ratio
Polymer Concentration (ppm)


8-34-8-16 Injection Well - ΔP
Pressure (psi)
Polymer Concentration (ppm)
Cumulative Injection Barrels
Injectivity Ratio (psi/rate)
Polymer Concentration (ppm)

Sundry Number: 59889 API Well Number: 43013308430000




8-34-8-16 Injection Well - Pressure Gradient
Pressure Gradient (psig per foot)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Polymer Concentration (ppm)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500
600
700
800
900
1,000
1,100
1,200
1,300
1,400
1,500
1,600
1,700
1,800
1,900
2,000
Cumulative Injection Barrels
Pressure Gradient
Polymer Concentration (ppm)